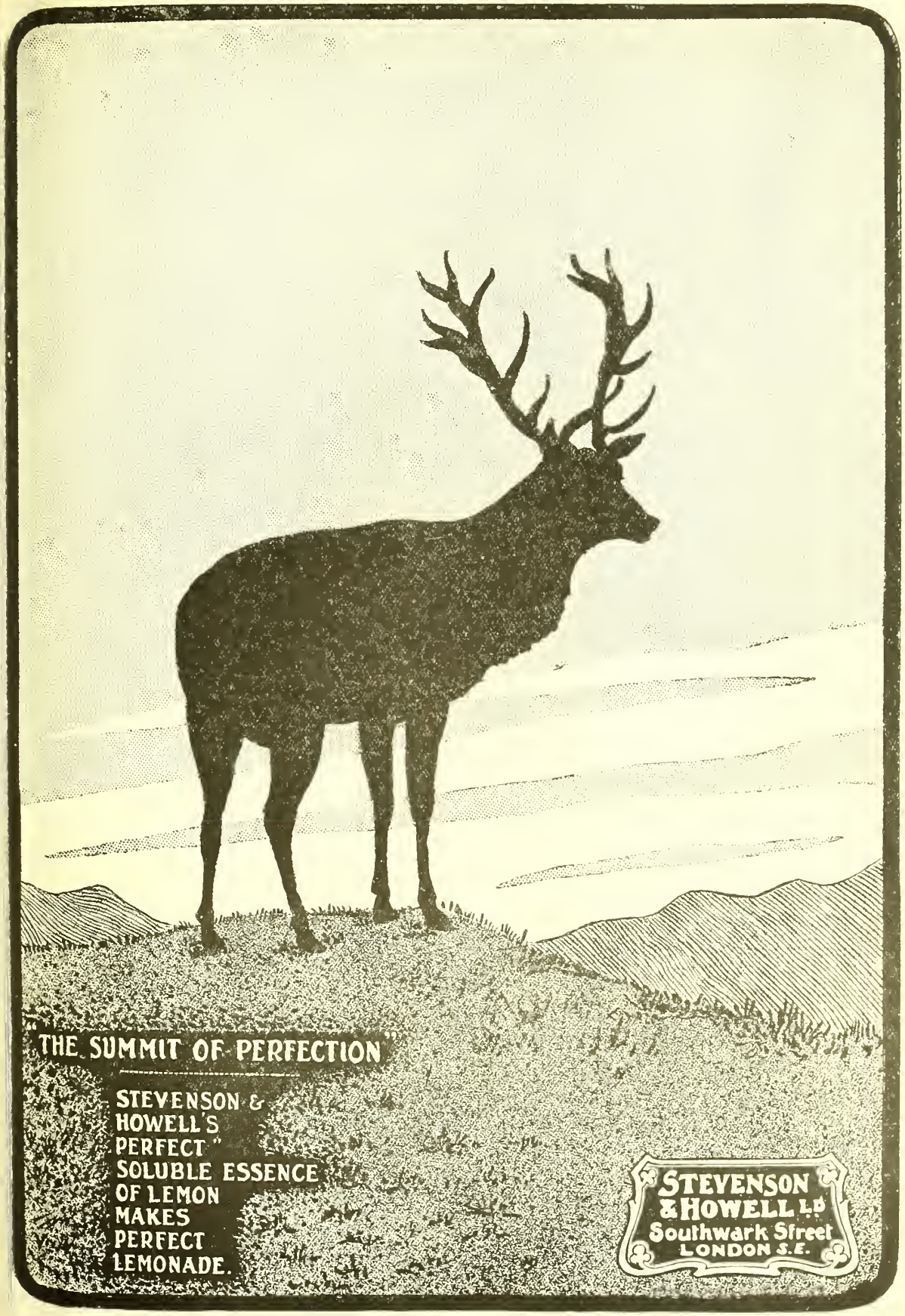
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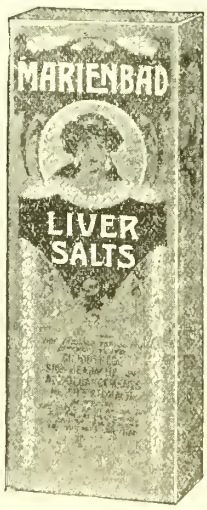
COUNTER ADJUNCTS

Draw the Trade for Summer 1910
by a bold window display.



The salts of the famous Marienbad Springs are here produced in effervescing form. The great success which the above is having is due to the happy combination of name and the very characteristic get-up.

	Doz.	6 doz.	12 doz.	
Price	8/9	8/6	8/3	doz.

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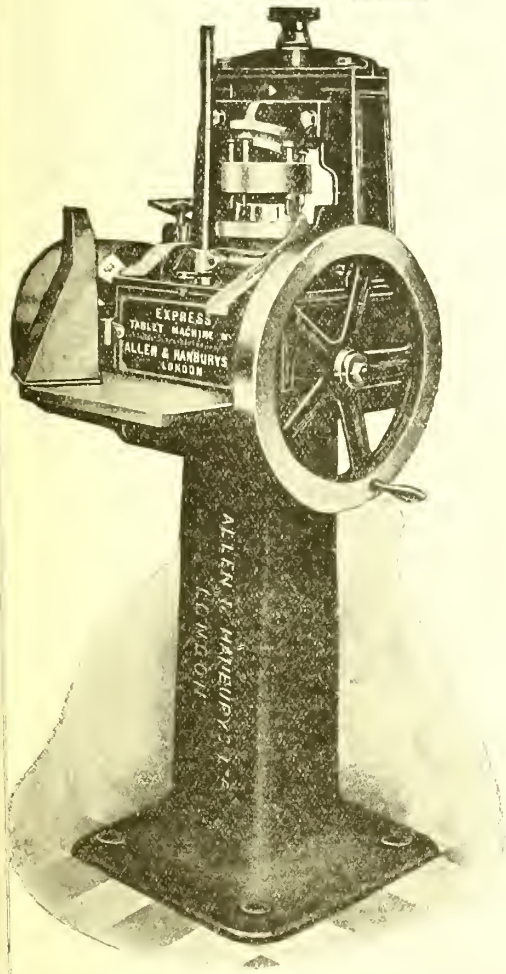
		Doz.	6 doz.	12 doz.	
Price	6 oz.	7/-	6/9	6/6	doz.
	8 oz.	8/9	8/6	8/3	„

Ask us to send you samples of our newest cartons; your enquiry will receive immediate attention.

Evans Sons Lescher & Webb Limited
LONDON and LIVERPOOL.

The No. 2 Express Rotary TABLET MACHINE



Simple in Construction.
Noiseless in Action.
Friction and Wear reduced to a minimum.

POINTS OF SUPERIORITY

(1.) The Machine has inclined conical rollers for obtaining the pressure. These are theoretically correct, and in practice are a great advance on the ordinary straight roller, which produces lateral friction and excessive wear. The angle of inclination is in exact relation to the radial path taken by the punches.

(2.) There is only one set of punch bodies required for punches of different sizes. The punches are adjustable longitudinally to allow for wear; the life of the punch is therefore considerably lengthened. The dies are also reversible.

(3.) The Machine runs quite noiselessly due to positive action with no intermittent shocks. This is accomplished by means of specially designed and accurately cut worm gearing.

(4.) The central die plate is mounted on a firm spindle, and is also held in a top bearing, thus ensuring absolute rigidity.

Both the Rotary Power Machine and the Duplex and B.B. Hand-tablet Machines are designed and manufactured in our own Engineering Department at Bethnal Green.

Price £75. With one Set of Punches.

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ouble acting. Semi-Automatic. Hand Power.
100 tablets per minute.
e complete with spanners and one set of dies, **£6**

E B.B. TABLET MACHINE

d Tablet Machine on rack and pinion principle.
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The principal features and improvements mentioned above are fully protected by patents.

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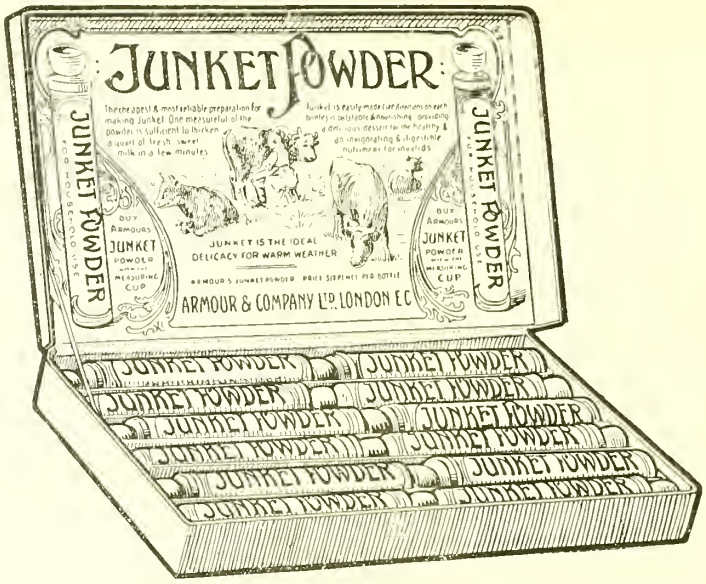
Contractors to the Indian Government and Crown Agents for the Colonies for Tablet Machines.



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Price per box - - - - 4/-

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Branch Offices: Melbourne, Sydney, and Adelaide, Australia.

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Christy, T., & Co.
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Hewlett, C. J., & Sons
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Bath and West of England C
lege of Pharmacy.
Birmingham and Midl
College
Edinburgh Central School
Glasgow School of Pharmacy
Harker, Charles
Leeds College of Pharmacy
Liverpool School of Pharmac
London College of Pharmacy
Manchester College of Pharm
Muter's (So. Lond.) School
North of England School
Northern College of Pharmac
South of England College

EFFERVESCENT PREPS.
Allen & Hanburys, Ltd.
Baiss Bros. & Stevenson, Lt
Bishop, Alfred, Ltd.
Blackie, R.
Bristol-Myers Co.
British Drug Houses, Ltd.
Butler, T. E., Son, & Co.
Cox, A. H. & Co., Ltd.
Davies, Sons & Co.
Evans Sons Lescher & Webb, L
Goodall, Backhouse & Co.
Guest, Thos., & Co.
Howards & Sons, Ltd.
Kutnow, S., & Co., Ltd.
Newhall & Mason
Potter & Clarke
Shirley Bros., Ltd.
Standard Tablet & Pill Co.
Sturge, John & E.
Tyrer, T., & Co., Ltd.
Wright, Layman & Umney, L

EMBROCATIONS
Chameleon Oil Co., Ltd.

ASTIC HOSIERY
Ayrton, Saunders & Co., Ltd.
Burge, Warren & Ridgley, Ltd.
Haywood, J. H., Ltd.
Maw, S., Son & Sons
Surgical Hosiery Co., Ltd.
Wood, Vincent

IERY AND CLOTH
Bakey, J., & Sons, Ltd.

IULSIONS, C.L.O., ETC.
Allen & Hanburys, Ltd.
Ayrton, Saunders & Co., Ltd.
Bliss Bros. & Stevenson, Ltd.
Blackie, Robert
British Drug Houses, Ltd.
Caulding, F. H., & Co.
Harker, Stagg & Morgan, Ltd.
Oldfield, Pattinson & Co.
Parke, Davis & Co.
Scott & Bowne, Ltd.
Southall Bros. & Barclay, Ltd.
Woolley, Jas., Sons & Co.
Wright, Layman & Umney, Ltd.

EMAS
Bailey, W. H., & Son
Burge, Warren & Ridgley, Ltd.
Cavol Rubber Co.
Maw, S., Son & Sons
Toogood, W., Ltd.
Warne, W., & Co. Ltd.

TOMOLOG. APPARATUS
Watkins & Doncaster

SOM SALTS
Howards & Sons, Ltd.

ENCES, CONCRETE
Lautier Fils

ENCES, SOL. AND FRUIT
Alliance Drug & Chem. Co.
Arnett & Foster
Boake, Roberts & Co., Ltd.
Bush, W. J., & Co., Ltd.
Fuerst Bros.
Hay, Wm., Ltd.
Lautier Fils
London Essence Co.
Newball & Mason
Spencer, J., Son & Co.
Stevenson & Howell, Ltd.
Zimmermann, A. & M.

ERS
Bliss Bros. & Stevenson, Ltd.
Macfarlan, J. F., & Co.
May & Baker, Ltd.
Tyrer, T., & Co., Ltd.
White, A., & Sons

EUCALYPTUS OIL
Bliss Bros. & Stevenson, Ltd.
British Drug Houses, Ltd.

EXTRACT OF HERBS
Newball & Mason
Potter & Clarke

EXTRACTS (MEDICINAL)
Allen, Stafford, & Sons, Ltd.
Chemist's Co-operative Wholesale
Evans Sons Lescher & Webb
Fothergood's Exor.
Gewiett, C. J., & Son. Ltd.
Koninklijke Pharm. Handels.
Parke, Davis & Co.
Ransom, W., & Son

FEEDING BOTTLES
Griffit, E., & Co., Ltd.
Evans Sons Lescher & Webb, Ltd.
Evenden, R., & Sons, Ltd.
Finer Bros., Ltd.
Maw, S., Son & Sons
Rogers'
Sport Bros.
Southall Bros. & Barclay Ltd.

FERTILISERS
Chiles Kalisyndikat
Ellis, Walter, & Co.
Fisch's Chemical Manure Co.

FILTERS
Berkefeld Filter Co., Ltd.
Fritz, Theo

FITTER STALLS
Sport Bros.

FLESH GLOVES
Rogers'
Sport Bros.

FLY CATCHERS
Abbastine Co. (British), Ltd.
Dunsmere Manfg. Co.
Field, Shapland & Co.
Fewein, C.
Jackson, W. & H.
Sell Bros., Ltd.
Smith, J. H., & Co.
Tobridge & Wright

FOODS, INFANTS'
Allen & Hanburys, Ltd.
Benger's Food, Ltd.
Frame Food Co., Ltd
Lofthouse & Saltmer
Natural Food Co., Ltd.
Willows, Francis B. & T.

FOODS, SPECIAL
Allen & Hanburys, Ltd.
Benger's Food, Ltd.
Brand & Co., Ltd.
Brusson Jeune
Burt, C. J.
Caillard & Co.
Fairchild Bros. & Foster
Frame Food Co., Ltd.
Menley & James, Ltd.
Natural Food Co., Ltd.
Wander, A., Ltd.

FRUIT SYRUPS
Idris & Co., Ltd.

FULLER'S EARTH
Mumford, G. S., & Sons

FUNNELS, ALUMINIUM
Reuter, R. J.

GLAUBER'S SALT
Bramwell E., & Son
Howards & Sons, Ltd.

GLYCERIN
Fuerst Bros.
Meffert, Hermann & Co.
Price's Patent Candle Co.
Steven, Andrew, & Son

GLYCERIN PLANT
Forshaw, E., & Son, Ltd.

GLYCEROPHOSPHATES
Merck, E.

GOLDBEATER'S SKIN
Gutmann & Leslie Gates

GOLD PAINT
Judson, D., & Son

GRINDERS, DRUG, ETC.
Allen, Stafford, & Sons, Ltd.
Goodall, Backhouse & Co.
Willows, Francis B. & T.

GUMS
Fink, F., & Co.

HAIR DYES
Blackie, Robert
Harker, Stagg & Morgan, Ltd.

HAIR PREPARATIONS
Bates, F. W.
Blackie, Robert
Chesebrough Manfg. Co.
Edwards' "Harlene" Co.
Egglossa Mnfg. Co.
Harker, Stagg & Morgan, Ltd.
Herpicide Co.
John Strange Winter
Rohare's Aureoline
To-Kalon Mnfg. Co., Ltd.

HAT DYES
Whitaker & Co.

HERBS
Brook, Parker & Co., Ltd.
Potter & Clarke, Ltd.
Ransom, W., & Son

HOMŒOPATHIC MEDICINES
Ashton & Parsons, Ltd.
Epps, James, & Co.
Keene & Ashwell, Ltd.
Leath & Ross

HOTELS
Esmond Hotel
Kingsley Hotel
Thackeray Hotel

HOT-WATER BOTTLES
Berliner, Arthur
Burge, Warren & Ridgley
Galen Mfg. Co., Ltd.
Hutchinson Co.
Maw, S., Son & Sons
May, Roberts & Co.
Newbery, F., & Sons, Ltd.
Southall Bros. & Barclay
Tompkins, James, Ltd.
Wood, Vincent.

HEATING APPARATUS
Clark, S., & Co.

HYDROGEN PEROXIDE
May & Baker, Ltd.
Sanitas Co., Ltd.
Tyrer, T., & Co., Ltd.

HYPOPHOSPHITES
May & Baker, Ltd.
Tyrer, T., & Co., Ltd.

INHALERS
Maw, S., Son & Sons

INK POWDERS
Williams Bros. & Co.

INSECT POWDER
Shirley Bros., Ltd.

INSECTICIDES
Christy, Thos., & Co.
Tomlinson & Hayward, Ltd.
Voss, Walter, & Co.

INVALID CHAIRS
Elimore, W. T., & Son, Ltd.

IODINE AND IODIDES
Howards & Sons, Ltd.
Morson, T., & Son

ITROSYL
Fletcher, Fletcher & Co.

JARS AND POTS
Griffit, E., & Co., Ltd.
Bush, H. W., & Co., Ltd.
Christy, T., & Co.
Johnsen & Jorgensen Ltd.
Kilner Bros., Ltd.
Maw, S., Son & Sons
Poths, H., & Co.
Reuter, R. J.
Stipendum Stopper Co.
Toogood, W., Ltd.

JUNKET POWDER
Armour & Co., Ltd.

LACTIC FERMENT PREPS.
Allen & Hanburys, Ltd.
Cox, Arthur H., & Co., Ltd.
Davies Sons & Co.
Evans Sons Lescher & Webb, Ltd.
Lloyd, T. Howard, & Co.
Martindale, W.
Parke, Davis & Co.
Standard Tablet Co.
Wilcox, Jozeau & Co.

LANOLINE
Burroughs Wellcome & Co.
Christy, T., & Co.

LARD
Ewen, J., & Sons

LEATHER DYES
Williams Bros. & Co.

LIME JUICE AND CORDIAL
Evans Sons Lescher & Webb
Goodall, Backhouse & Co.

LINSEED, CRUSHED, ETC.
Allen, Stafford, & Sons
Mumford, G. S., & Sons

LINTS
Liverpool Lint Co.
Robinson & Sons, Ltd.
Taylor, W. G.
Vernon & Co., Ltd.

LIQUORICE JUICE
British Drug Houses, Ltd.
Fuerst Bros.
Evans Sons Lescher & Webb, Ltd.
Jackson, E. E.
Mumford, G. S., & Sons

LIQUORS, CONC., ETC.
Fletcher, Fletcher & Co.
Hewlett, C. J., & Son
Robinson, B., & Co.

LITHIA SALTS
British Drug Houses, Ltd.
Fuerst Bros.
May & Baker, Ltd.
Merck, E.

LOZENGES
Ayrton, Saunders & Co., Ltd.
Cox, A. H., & Co., Ltd.
Denouai, J., & Co.
Guest, Thos., & Co.
Jackson, E. E.
Potter & Clarke, Ltd.
Raimes & Co.
Warrick Bros.

MACHINERY, PHARMACAL
Allen & Hanburys, Ltd.
Bennett, E., & Son, Ltd.
Bennett, Sons & Shears, Ltd.
Braithwaite H., & Co., Ltd.
Forshaw, E., & Son, Ltd.
Gardner, Wm., & Sons, Ltd.
Pindar, J. W., & Co.
Stokes, F. J., Machine Co.
Thompson & Capper (Stokes)
Wilkinson, S. W., & Co.

MAGNESIA AND ITS SALTS
Henry, T. & W.
Howards & Sons, Ltd.
May & Baker, Ltd
Parke, Davis & Co.
Washington Chemical Co., Ltd.

MARKING INK
Hickisson, A. (Bond's)
Williams Bros. & Co.

MAILING CASES
Estes, E. B., & Sons

MALT EXTRACT AND PREPS
Allen & Hanburys, Ltd.
Blackie, Robert
British DiaMalt Co.
Burroughs Wellcome & Co.
Evans Sons Lescher & Webb
Hewlett, C. J., & Son
Montgomerie & Co., Ltd.
Oppenheimer, Son & Co., Ltd.
Paine & Co., Ltd.
Southall Bros. & Barclay, Ltd.
Woolley, Jas., Sons & Co., Ltd.
Wright, Layman & Umney

MEASURES
Beatson & Co.
Bush, H. W., & Co., Ltd.

MEAT EXTRACTS
Armour & Co., Ltd.
Brand & Co., Ltd.

MEDICINE CHESTS
Burroughs Wellcome & Co.
Keene & Ashwell, Ltd.
Leath & Ross
Lloyd, T. Howard, & Co.
Parke, Davis & Co

MENTHOL CONES
Bush, H. W., & Co., Ltd.
Luhenow, Hugo, Ltd.
Maw, S., Son & Sons

MERCURIALS
Howards & Sons, Ltd.
May & Baker, Ltd.
Merck, E
Tyrer, T., & Co., Ltd.

METEOROLOGICAL SETS
Darton, F., & Co.

METHYLATED SPIRIT
Burrough, J., Ltd.
Preston's Liverpool Distillery
Randall & Son, Ltd.

MICROSCOPES
Darton, F., & Co.

MINERAL WATERS AND SALTS
Apollinaris Co., Ltd.
British Drug Houses, Ltd.
Burrow, W. & J.
Cheltenham Municipality
Findlater & Co., Ltd.
Hughes, E. Griffiths
Ingram & Royle, Ltd.
Vichy (State Springs)

OILS, ESSENTIAL
Allen, Stafford, & Sons, Ltd.
Alliance Drug & Chem. Co.
Bennett Bros.
Boake, Roberts & Co.
Bush, W. J., & Co., Ltd.
Chiris, Antoine
Dodge & Olcott Co.
Evans Sons Lescher & Webb, Ltd.
Fuerst Bros.
Jakson, J., & Co.
Lautier Fils
Lhermine & Cie.
London Essence Co.
Pasquale, S. F. de, & Fratelli
Poppelreuter, W
Ransom, W., & Son
Scheller, Emil, & Co.
Schimmel & Co.
Spencer, J., Son & Co.
Stevenson & Howell, Ltd.
Wright, Layman & Umney, Ltd.
Zimmermann, A. & M.

OILS, FATTY, ETC.
Allen, Stafford, & Sons, Ltd.
Fuerst Bros.
Price's Patent Candle Co.
Schliemann's Oil & Ceresine Co.
Wood, Chas. E.

OILS, MINERAL
Fuerst Bros.
Price's Patent Candle Co.
Stern Sonneborn Oil Co., Ltd.

OINTMENTS
Blackie, R.
Burgess, E.
Chemist's Co-operative Wholesale
Lyle & Co.
Oldfield, Pattinson & Co
Zimmermann, Chas., & Co.

OPTICAL GOODS
Botwright & Grey
Darton, F., & Co.
Maw S. Son & Sons
Nitsche & Günther Optical Co.
Raphael's, Ltd.

ORANGE WINE
Melrose-Drover Co. Ltd.
Millar, A., & Co., Ltd.

OTTO OF ROSE
Bontcheff & Kidoff
Reitmeyer & Co. (synthetic)
Shipkoff & Co.

OXYGEN APPARATUS
Oppenheimer, Son & Co., Ltd.

OZONE GENERATOR
Reuter, R. J.

PALATINOIDS
Oppenheimer, Son & Co.

PAPER TUBES
O'Neill, S., & Sons, Ltd.

PASTILLES
Allen & Hanburys, Ltd.
Asche, C. F., & Co.
Burroughs Wellcome & Co.
Denoual, J., & Co.
Epps, James & Co.
Evans Sons Lescher & Webb
Guest, Thos., & Co.
Wander, A., Ltd.
Warrick Bros

PATENT AGENT
Barker, R. W.

PERFUME FILTERS
Seits, Theo.

PERFUME MATERIALS
Beisly, W. G.
Bontcheff & Kidoff
Bush, W. J., & Co., Ltd.
Chiris, Antoine
Lautier Fils
Scheller, Emil & Co.
Schimmel & Co.
Shipkoff & Co.
Spencer, J., Son & Co.
Zimmermann, C., & Co.

PERFUMES
Allen & Hanburys, Ltd.
Barclay & Sons, Ltd.
Bronnley, H., & Co., Ltd.
Bush, W. J., & Co., Ltd.
Christy, T., & Co.
Chuit, Naef & Co.
Erasmic Co., Ltd.
Evans Sons Lescher & Webb, Ltd.
Hewlett, C. J., & Son
Hovenden, R., & Sons, Ltd.
John Strange Winter
Lescol Perfumery Co.
McCracken, J. & R.
Maw, S., Son & Sons
Newbery, F., & Sons, Ltd.
Oatine Co.
Quelch, H. C., & Co.
Southall Bros. & Barclay
Spencer, J., Son & Co.
To-Kalon Mnfg. Co., Ltd.
Warrick Bros.
West, T., & Son

PESSARIES
Burge, Warren & Ridgley
Rendell, W. J.

PETROLEUM JELLY
Chesebrough Mfg. Co.
Schliemann's Oil & Ceresine Co.

PHOTO. CHEMICALS
Boehringer, C. F., & Soehne
Reitmeyer & Co.

PHOTO. ENLARGERS, PRINTERS, &c.
Express Developing Co.
Halifax Photographic Co.

PHOTO. GOODS
Barclay & Sons, Ltd.
Burroughs Wellcome & Co.
Darton, F., & Co.
Evans Sons Lescher & Webb, Ltd.
Halifax Photographic Co.
Ilford, Ltd.
Kent, G. B., & Sons, Ltd.
Lennon, Ltd.
May Roberts & Co.
Newbery, F., & Sons, Ltd.
Reitmeyer & Co.

PILL COUNTERS
Bornkessel, F. G.

PILL MAKERS
Allen & Hanburys, Ltd.
Asche, C. F., & Co.
Bishop, Alfred, Ltd.
British Drug Houses, Ltd.
Cox, A. H., & Co., Ltd.
Davies, Sons & Co.
Howards & Sons, Ltd.
Lloyd, T. Howard, & Co.
McKesson & Robbins
Parke, Davis & Co.
Standard Tablet & Pill Co.
Wand Mfg. Co

PLEATED PAPER
Darter, Wilkinson & Co.

PLASTERS
Allcock Mnfg. Co
Berliner, Arthur
Beiersdorf, P., & Co.
Dalmas, A. de St., & Co.
Geiger & Braun
Leslies, Ltd.
Maw, S., Son & Sons

POLISHES (VARIOUS)
Bradley & Bourdas
Judson, Daniel, & Son
Oakey, J., & Son, Ltd.

POTASH
Neues Kalisyndikat

PRINTERS
Christie, Malcolm & Co.
Dudley & Co.
Ford, Shapland & Co.
Harrison & Waide
Smith, W. H., & Son
Timme, W. O., & Co.
Townsend, J., & Sons

PROPRIETARY ARTICLES
Ashton & Parsons, Ltd.
Barclay & Sons Ltd.
Beecham, T.
Bell, John, Hills & Lucas, Ltd.
Boulton, J., & Co. (1909)
Box, W. H.
British Drug Houses, Ltd.
British Liquozone Co.
Burgess, E.
Chameleon Oil Co., Ltd.
Christy, T., & Co.
Coleman & Co., Ltd.
Congreve, G. T.
Conoid Co.
Cox, A. H., & Co., Ltd.
Daggett & Ramsdell
Daisy, Ltd.
Danysz Virus, Ltd.
Da Silva & Co.
Davenport, J. T., Ltd.
Day & Sons (Crewe), Ltd.
Denoual, J., & Co.
Ecsolent Compounds, Ltd.
Edwards, W., & Son
Evans Sons Lescher & Webb, Ltd.
Faulding, F. H., & Co.
Fellows' Syrup
Fennings, Alfred
Ferris & Co.
Freeman's Chlorodyne, Ltd.
Fulford, C. E., Ltd.
Goodall, Backhouse & Co.
Harvey & Co. (Dublin), Ltd.
Henry, T. & W
Hovenden, R., & Sons, Ltd.
Hughes, E. Griffiths
Ichthyol Gesellschaft
International Chemical Co.
Iron-Ox Rem. Co., Ltd.
Jackson, T.
Kay Bros., Ltd.
Kutnow, S., & Co Ltd.
Lalor's Phosphodyne
Lofthouse & Saltmer
Martindale, W.
May, Roberts & Co.
Menley & James, Ltd.
Newbery, F., & Sons, Ltd.
Odol Chemical Works
Owbridge, W. T., Ltd.
Pedezy Co.
Phillips, Chas. H., Chem. Co.
Regulin Syndicate, Ltd.
Reitmeyer & Co.
Resinol Chemical Co.
Sangers'
Sartolin, Ltd.
Schimmel & Co.
Scott & Bowne, Ltd.
Squire & Sons
Standard Tablet & Pill Co.
Stedman's Teething Powders
Thompson & Capper
Tomoda, K., & Co.
Tunbridge & Wright
Voss & Co.
Walker & Son
Wilcox, Jozeau & Co.
Zimmermann, A. & M.
Zimmermann, C., & Co.
Zotos, Ltd.
(*See also* Dentrifices and Toilet Articles)

PULVELLÆ
Warrick Bros.

PULVERETTES
Oppenheimer, Son & Co., Ltd.

PUMPS
Berkefeld Filter Co., Ltd.

RESPIRATORS
Zimmer & Co.

QUININE AND SALTS
Boehringer, C. F., & Soehne
Burroughs Wellcome & Co.
Howards & Sons, Ltd.
Pointet & Girard

RAZORS
Anto-Strop Safety Razor Co.
International Distributing Co.

RENNET
Fullwood, R. J., & Bland
Oldfield, Pattinson & Co.

RESINS AND RESINOIDS
Allen, S., & Sons, Ltd.
Allen & Hanburys, Ltd.
Morson, T., & Son
Ransom, W., & Son
Smith, T. & H., Ltd.

RUBBER GOODS
Burge, Warren & Ridgley, Ltd.
Davol Rubber Co.
Evans Sons Lescher & Webb, Ltd.
Galen Mfg. Co.
Haywood, J. H., Ltd.
Hovenden, R., & Sons, Ltd.
Hutchinson Co.
Maw, S., Son & Sons
May, Roberts & Co.
Shirley Bros., Ltd.
Warne, W., & Co., Ltd.

SACCHARIN
Saccharin Corporation, Ltd.

SALICIN
Macfarlan, J. F., & Co.
Smith, T. & H., Ltd.

SAMPLE CASES
Keane, Thomas

SANTONIN
Smith, B. A., & Co.

SAPONIN
Field, C. W.
Sthamer, Dr. R.

SAUCES
Goodall, Backhouse & Co.

SCALE PREPARATIONS
Morson, T., & Son

SCALES, WEIGHING
Maw, S., Son & Sons
Parnall & Sons, Ltd.
Southall Bros. & Barclay, Ltd.

SEA SALT
Tidman & Son, Ltd.

SEA-SICKNESS REMEDY
Zotos, Ltd.

SEEDS
Bernhardi, I.
Brook, Parker & Co., Ltd.
Potter & Clarke, Ltd.

SERUMS AND ANTITOXINS
Allen & Hanburys, Ltd.
American Animal Therapy Co.
Evans Sons Lescher & Webb
Parke, Davis & Co.
Schimmel & Co.
Wilcox, Jozeau & Co.

SHARES
McAdam & Tuckniss

SHEEP-DIPS
Burt, Boulton & Haywood
Sanitas Co., Ltd.
Tomlinson & Hayward, Ltd.

SHOP-FITTING
Ayrton-Graham, Ltd.
Bowling & Son
Evans Sons Lescher & Webb, Ltd.
Josephs, Philip, & Sons, Ltd.
Maw, S., Son & Sons
Mills, H.
Parnall & Sons, Ltd
Rudduck & Co.
Sangers'
Southall Bros. & Barclay, Ltd.

SHOULDER-STRAPS
Wood, Vincent

SOAP MATERIALS
Armour & Co., Ltd
Chiris, Antoine

SOAP PLANT
Forshaw, E., & Son, Ltd.

SOAPS, MEDICATED
Armour & Co., Ltd.
Bronnley, H., & Co., Ltd.
Fulford, C. E., Ltd.
Lambert Pharmacal Co.
Resinol Chemical Co.
Wright Layman & Umney

SODIUM BICARBONATE
Brunner, Mond & Co., Ltd.
Electrolytic Alkali Co., Ltd.
Howards & Sons Ltd.
Mumford, G. S.

SODA FOUNTAINS
Consol Automatic Aerators, L

SOAPS
Allen & Hanburys, Ltd.
Armour & Co., Ltd.
Bell (John), Hills & Lucas, L
Bronnley, H., & Co., Ltd.
Chesebrough Mfg. Co.
Cook, E., & Co., Ltd.
Erasmic Co., Ltd.
Evans Sons Lescher & Webb, L
Hull Oil Mfg. Co., Ltd.
International Distributing
John Strange Winter
Lescol Perfumery Co
Oakey, J., & Son, Ltd.
Pears, A. & F., Ltd.
Peats Products (Sphagnol), L
Price's Patent Candle Co.
Shaw, Henry, & Co.
Wright, Layman & Umney

SOOTHERS & FITTINGS
Shirley Bros., Ltd.

SOYA OIL
Hull Oil Mnfg. Co.

SPARKLETS
Aerators, Ltd.

SPECTACLES
Botwright & Grey
Darton, F., & Co.
Maw, S., Son & Sons
Nitsche & Günther Optical C
Raphael's, Ltd.

SPHYGMOMETERS
Hicks, J. J.

SPINAL CARRIAGES
Ellmore, W. T., & Son, Lt

SPIRIT OF WINE
Burrough, J., Ltd.
Preston's Liverpool Distiller

SPONGE BAGS
Maw, S., Son & Sons
Schutze, F., & Co.
Toogood, W., Ltd.

SPONGES
Internl. Sponge Importers
Kent, G. B., & Sons, Ltd.
Maw, S., Son & Sons
Sangers'

SPONGES, COVERED
Garrould, E. & R.

SPRAYS
Burge, Warren & Ridgley, L
Burt, Boulton & Haywood, L
Davol Rubber Co.
Hovenden, R., & Sons, Ltd.
Maw, S., Son & Sons
Parke, Davis & Co.
Reuter, R. J.

SPRINKLER TOPS
Betts & Co., Ltd.
Brooks, Peel & Co.

STARCH
Mumford, G. S., & Sons

STILLS
Bennett, E., & Son, Ltd.
Bennett, Sons & Shears, Lt

STOPPERS
Fletcher, Fletcher & Co.
Stipendum Stopper Co.

SUPPOSITORIES
Cox, Arthur H., & Co.
Peat Products (Sphagnol), L

SURGICAL APPLIANCES
Allen & Hanburys, Ltd.
Bailey, W. H., & Son
Burroughs Wellcome & Co.
Haywood, J. H., Ltd.
Hughes, G.
Hutchinson Co.
Maw, S., Son & Sons
Quelch, H. C., & Co.
Surgical Hosiery Co., Ltd.
Wood, Vincent
Warne, W., & Co., Ltd.

SURGICAL DRESSINGS
Beiersdorf, P., & Co.
Berliner, Arthur
Burroughs Wellcome & Co.
Bush, H. W., & Co., Ltd.
Dalmas, A. de St., & Co.
Galen Mfg. Co., Ltd.
Gimber, W., & Son
Haynes, G., & Co.
Leslies, Ltd.
Liverpool Lint Co.
Macfarlan, J. F., & Co.
Maw, S., Son & Sons
May, Roberts & Co., Ltd.
Newsome, C.
Robinson & Sons, Ltd.
Taylor, W. G.
Vernon & Co., Ltd.
Wood, Vincent
Woolley, J., Sons & Co., L

SPENSORY BANDAGES
Bailey, W. H., & Son
Sangers'

VIMMING FLOATS
Schutze, F., & Co.

NTHETIC PERFUMES
Bennett Bros.
Boehringer, C. F., & Soehne
Bush, W. J., & Co., Ltd.
Dhnit, Naef & Co.
Fuerst Bros.
Reitmeyer & Co

NTHETIC REMEDIES
Boehringer, C. F., & Soehne
Boehringer, C. H., Sohn
Hoffmann-La Roche, Ltd.
Reitmeyer & Co.
Riedel, J. D., Co.
Wolfensberger, J. H., & Co.

PHONS
Aerators, Ltd.
Barnett & Foster
Beffit, E., & Co., Ltd.
Bamwal, Ltd.
Hygienic Syphon Co. (1910), Ltd.
Iris & Co., Ltd.

RINGES HYPODERMIC
Burroughs Wellcome & Co.

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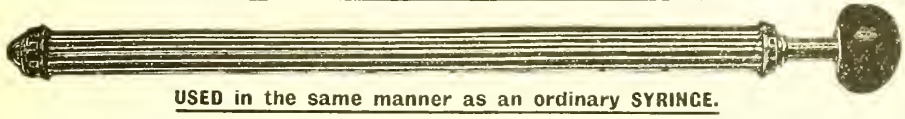

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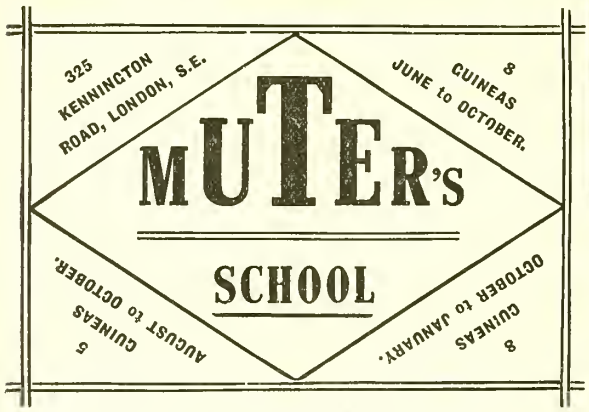

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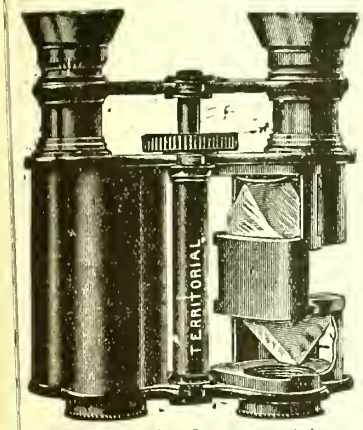

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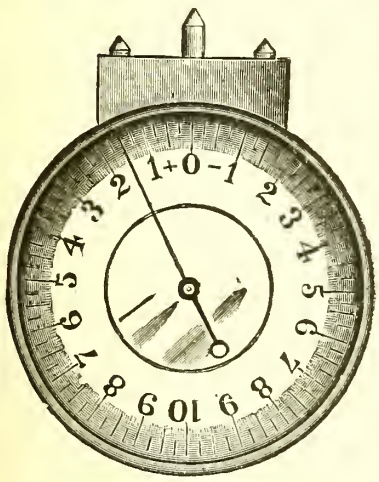

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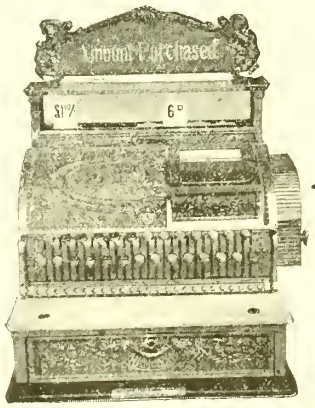

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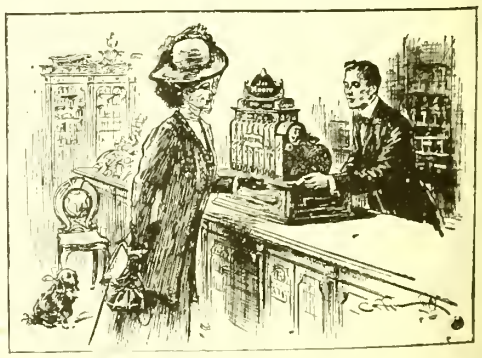

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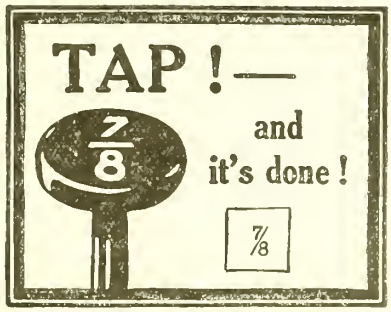

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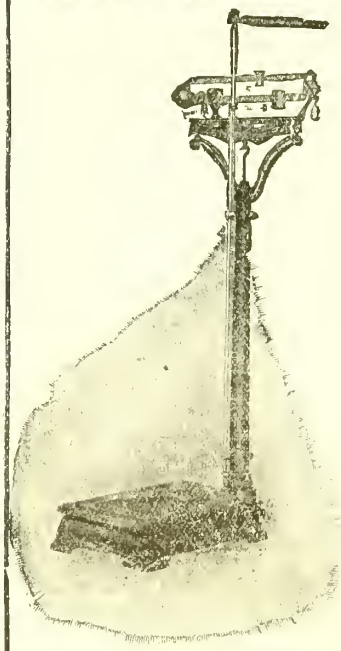

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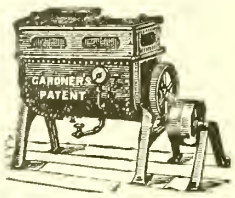

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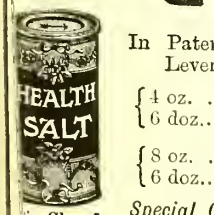

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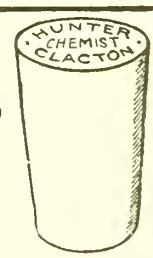

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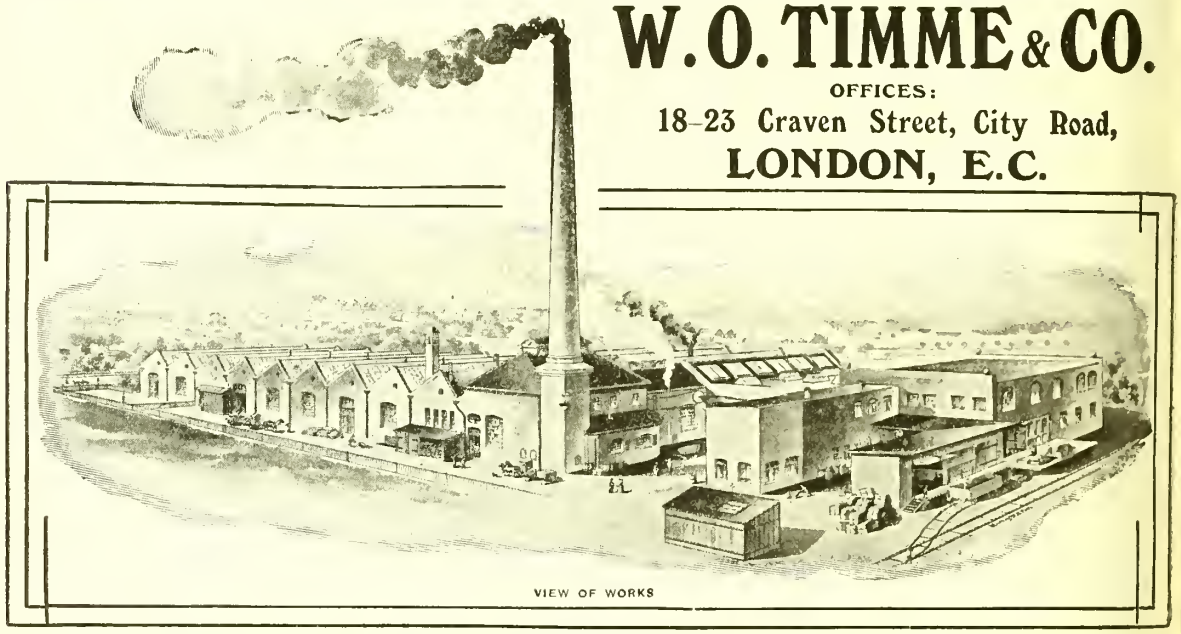

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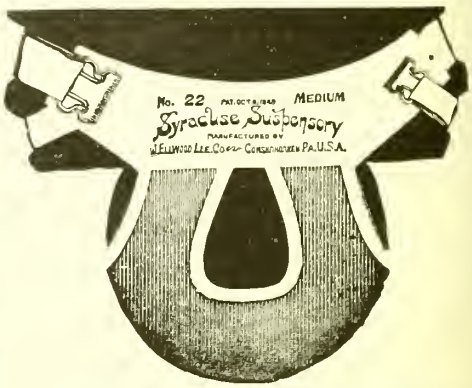

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OVER 100% PROFIT
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One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

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DRY CLEANING FLUID.
NON-INFLAMMABLE.
SWEETLY SCENTED.
Knocks out Benzine, Turps, &c.
so dangerous to handle and to keep in stock.

INVALUABLE for Removing Grease Spots and Stains — Renovating Furniture Coverings and Embroideries — Cleaning Gloves, Silks, and Articles of Wearing Apparel.

A PROFITABLE LINE FOR CHEMISTS.

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Special Prices to Wholesalers and Shippers.

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In the Civil Tribunal of the Seine, on April 1st, 1909, after protracted litigation, an injunction was obtained against a Paris House for an infringement of these Trade Marks, full costs and damages being then awarded to PAPIER POUDRÉ, LIMITED.

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"Since using the Hair Food I have grown into a Persian."

They interest and please all customers, and carry high profits.

Five Gold Medals.

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ALSO 3d. SAMPLE BOTTLES.

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POWDERED TOILET SOAP.

DELICATELY PERFUMED.

Packed in Prettily Decorated Sprinklers.

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Refreshing as a Turkish Bath. Invaluable for Toilet Purposes.
Splendid Cleansing Preparation for the Hair. Removes Stains and Grease Spots from Clothing.
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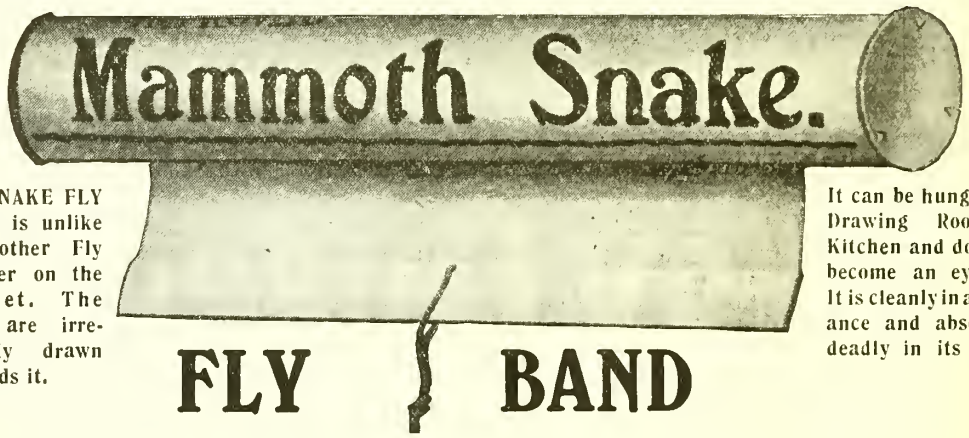

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It can be hung in the Drawing Room or Kitchen and does not become an eye-sore. It is cleanly in appearance and absolutely deadly in its effect.

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Illustration shows actual size of roll.

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NEAT, PLEASING AND EFFECTIVE.

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They Will Convince You.

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Pull the String.
That's All !!!

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SIR JAMES CRICHTON BROWNE, in his Presidential speech at the Annual Conference of the Sanitary Inspectors' Association on August 6th, said: "The Fly-plague in South Africa was markedly diminished wherever punctilious care in the prompt removal of all refuse from the vicinity of the camp was combined with a liberal use of

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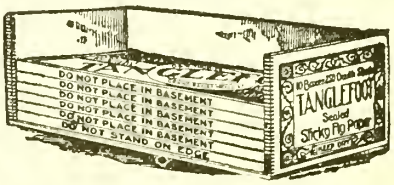

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F'ODOOMO - the old favourite Fly Paper.
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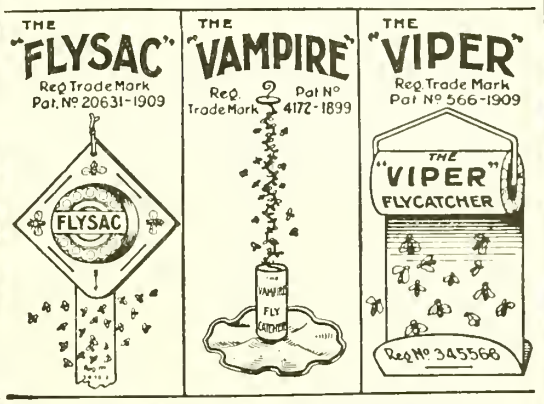

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Send for Samples and Prices. They bear out our claims.

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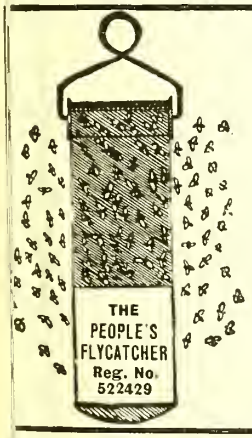

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Full Length 40 in. No Drying up.

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OCKROACHES CLEARED WITH BLATTIS, THE UNION PASTE.
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See pages 5 to 9.

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"C" Size SPARKLET SYPHONS AND BULBS

for the solution of a simple problem in Sparklet economics.

¶ £20 will also be divided amongst the dealers from whom the winners of the Cash Prizes purchase their Syphons.

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THE "COMPACT" MACHINES
are specially designed for
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OCCUPY LITTLE SPACE!
ARE READY FOR USE IMMEDIATELY!
REQUIRE NO FIXING!

Produce Soda Water, Lemonade, &c., of the highest class and greatest purity.

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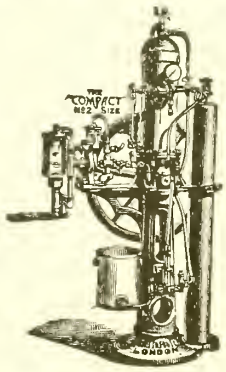

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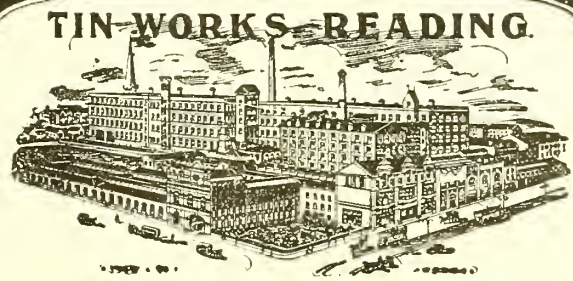
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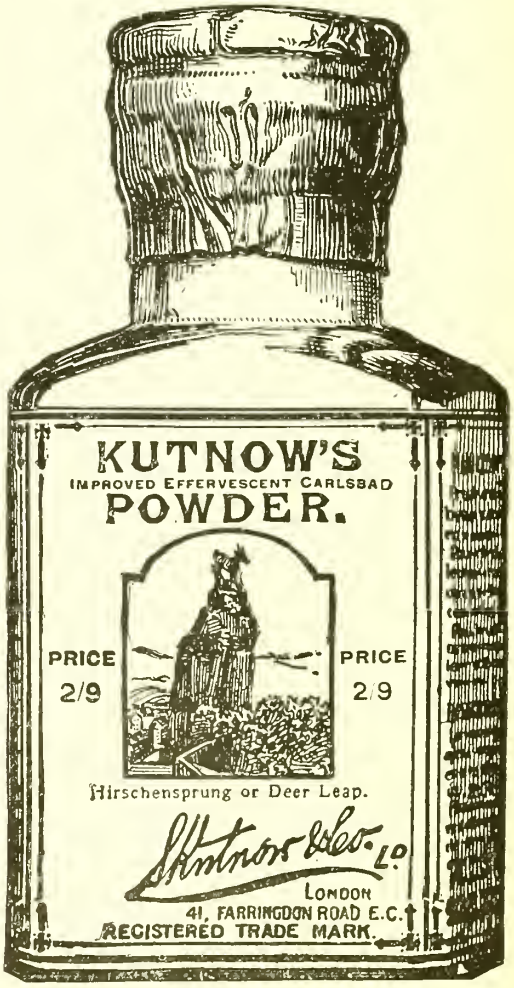

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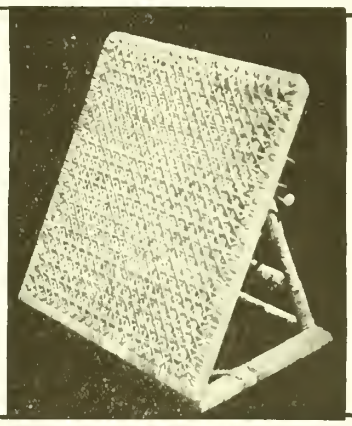

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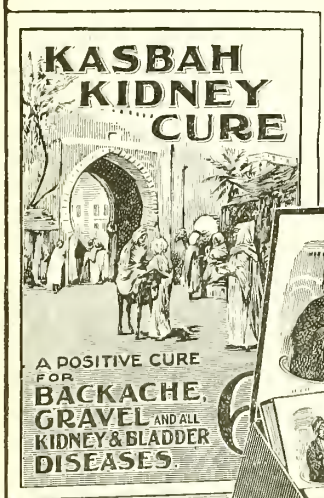

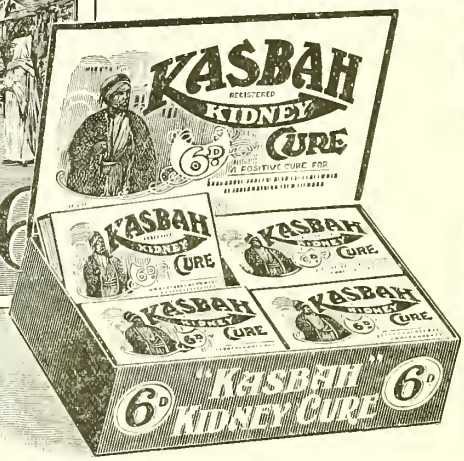

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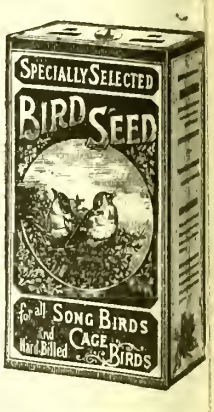

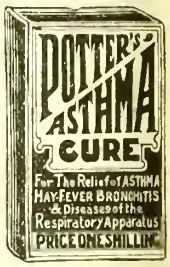

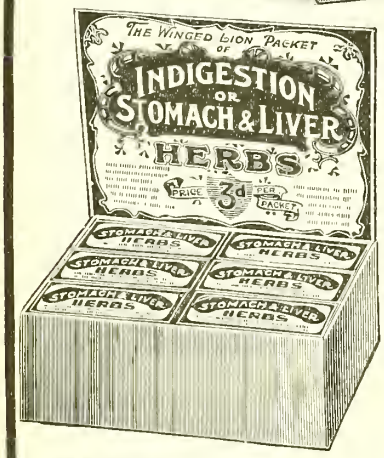

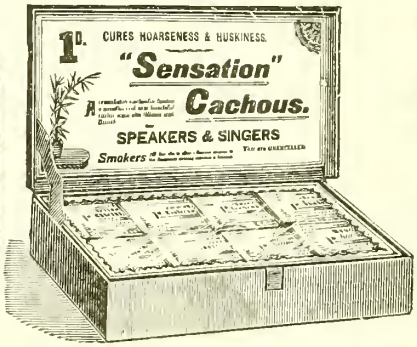

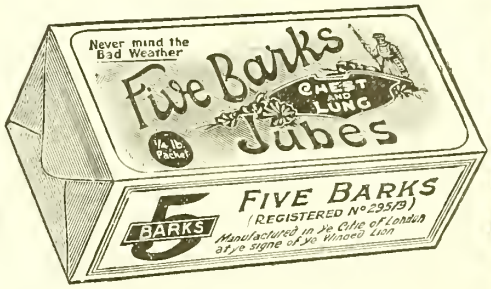

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THE CHEMIST AND DRUGGIST

A Weekly Journal of the Chemical and Drug Trades
and of
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DO IT NOW.

THE PUBLISHER desires to remind all those connected with the trade that the NEW WORLD ISSUE of THE CHEMIST AND DRUGGIST will be published *next week*. Owing to the intervention of the Whitsuntide Holidays little time is left for carrying out details, and it will be a great assistance to him if intending advertisers would forward their instructions for that Issue by return of post. The Publisher cannot guarantee insertion of any advertisement in the NEW WORLD ISSUE received after

Wednesday Morning, May 18.

Enterprising business-men should not miss this exceptional opportunity of making new connections in South America, Mexico, West Indies, Canada, and the United States. Write to 42 Cannon Street, London, E.C.

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Summary of this Issue.

The more notable items only are dealt with.

King Edward the Seventh.

His Majesty died at Buckingham Palace on Friday evening, May 6, from cardiac failure supervening on bronchitis. He has been succeeded by his only surviving son, who has assumed the title of George the Fifth (p. 49).

Articles and Communications.

The position of the runners for the Epsom (Salts) Stakes is shown diagrammatically on p. 51.

The export and import trade of the United Kingdom in April showed large increases over April 1909 (p. 48).

Epsom salts and spa, the physicians of Myddfai, and German views of British pharmacists are the subjects of Observations and Reflections on p. 47.

Sir Jesse Boot, writing in regard to the purchase of Inman's business, says he wanted to get into Princes Street, Edinburgh. He has not bought Cockburn's business in Glasgow (p. 63).

We publish indignant protests from Cheltenham regarding a Chemists' Assistants' meeting there reported by Mr. Dowty, who, with a fellow-assistant and another, constituted the meeting (p. 63).

Our Retrospect is made up this week of several items, and they include mention of a communication by Mr. David Howard to the Chemical Society, and a Medicine-stamp Act ruling obtained by Mr. J. B. Barnes. Both gentlemen are, happily, still with us (p. 64).

The subjects of communications to the Chemical Society (reported on p. 52) are "The Correlation of Rock and River-water Analyses," "The Composition and Synthesis of Rubber," "The Constituents of the Flowers of *Trifolium incarnatum*," and "Researches on the Triazo-group."

The drug and chemical trades have now been reached by the Census of Production Office, and some interesting figures are contained in the report published this week. The proportion of patent medicines produced in this country is less than a third the value of other medicines, while in the United States the opposite is the case (p. 50).

The Week's News.

The Court of Appeal has declined to allow the word "diamino" to be registered as a trade-mark for dyes (p. 38).

A Manchester chemist has been ordered to pay 21*l.* damages to an apprentice who claimed that he was not properly trained (p. 38).

The Council of the Pharmaceutical Society of Ireland has appointed Mr. W. V. Johnston as an examiner in pharmacy (p. 45).

Considerable space in this issue is devoted to notes on the Chemists' Exhibition held in the Horticultural Society's Hall, Westminster. The report begins on p. 55.

The chief item of company news is a long report of the meeting of creditors of Lorimer & Co., Ltd., to which we append a list of the principal creditors (p. 42).

The action against the London Produce Brokers' Co., Ltd., for alleged infringement of the Merchandise-marks Act by false description of olive oil, has failed (p. 40).

Professor Cannizzaro, the eminent Italian chemist, died this week. We also report the deaths of Mr. James Floyd (Bury St. Edmunds) and Mr. W. J. Rogerson, formerly a director of Hearon, Squire & Francis, Ltd. (p. 44).

Several Poisons and Pharmacy Acts cases are reported. The Pharmaceutical Society has failed in its action against an Edinburgh doctor's son, who established an *alibi*. Two vendors of nicotine insecticide have been fined in London districts (pp. 38 and 39).

Trade and Market Matters.

Market changes are fairly numerous but of no great moment; articles that have either advanced or are on the upward trend include citric acid, foreign tartaric acid, Mogador orris, African geranium oil, and senegal gum. Castor and cod-liver oil, copper sulphate, soda nitrate, ammonia sulphate, lead salts, Socotrine aloes, and vanilla have moved in favour of buyers (p. 60).

B

English and Welsh News.

When sending Newspapers containing Trade news to the Editor please mark the items.

Brevities.

Stourbridge chemists and other traders have agreed to close at 1 P.M. on Thursdays.

Fire destroyed a store at the rear of the pharmacy of Mr. Joseph Pattinson, Ph.C., in King Street, Aspatria, Cumberland, on May 5.

The off-licence attached to the premises at 107 Sussex Road, Southport, has been transferred to Mr. A. H. Messenger, chemist and druggist, who has taken over the business.

It is stated that our new King and Queen, when at Frogmore—to which they are much attached—patronise the local tradesmen and do not have their goods sent down from London.

At Hull Police Court on May 9, John Leigh, seaman, and two men named Howarth and Stringer, were remanded on a charge of harbouring about 53 lb. of saccharin in sacks of potatoes.

Claims against the estate of the late Mr. Charles Bradley, chemist, Reading, must be lodged with Messrs. Brain and Brain, solicitors, 156 Friar Street, Reading, on or before June 25, 1910.

The meeting at the Mansion House, arranged for May 10, in support of the fund for new chemical laboratories at University College, was postponed on account of the death of King Edward VII.

At Aberystwyth the proclamation of King George V. was made by the Mayor, Alderman E. P. Wynne, J.P., chemist, who also during his term of office as mayor in 1901 proclaimed King Edward.

At the Mansion House Police Court on May 5, a Turk named Abe Sigel (24), described as a cigarette-maker, of 22 Rathbone Place, London, W., was fined 100*l.*, or in default six months' imprisonment, for smuggling saccharin.

An inquest regarding the death of Mrs. Harriet Austin, Broadhurst, Brandeston, has been adjourned. It is reported that she had sent an order to an Ipswich firm of chemists for strychnine pills, which were posted to her, and death is attributed to strychnine poisoning.

The recent decisions in the House of Lords on the Dentists Act appeals have been speedily made use of by the "unqualified." Such expressions as "All dentistry painless," "Dental Institute," "High-class dentistry," "Specialist in gold fillings," "Dental parlors," "Dental stores," and "Dental chambers" have sprung up and are freely advertised.

Spectacle-makers' Company.

The Livery dinner, which was to have been held on May 30, has been cancelled owing to the death of King Edward VII.

The Optical examinations have been held during the week at St. Bride Institute, Ludgate Circus, London, E.C. There were seventy-five candidates.

Colonel T. Davies Sewell, Clerk of the Company, has told an interviewer that while he considers that the Chartered Guild is the best medium for translating opto-political ideals into concrete form, "the Company has nothing to lose, financially or otherwise, by handing over the conduct of its diploma scheme to any other properly accredited and responsible organisation." Regarding the revival of the proposals for an Opticians Bill, Colonel Sewell states that "if it can be shown to be in the Company's power to benefit the whole of the optical craft in any way—that is to say, either by means of political influence or otherwise—I feel sure that, notwithstanding some rather unpleasant incidents in the past, such representations would again be carefully and favourably considered by the Court."

Chemists' Business Cards—and other Curiosities.

At Sotheby's on May 5 a scarce and interesting collection of eighteenth- and nineteenth-century tradesmen's cards, including many with curious and original designs and some with fine engravings by noted artists of the day, was so for 10*l.* 5*s.* The collection contained some very goo examples of chemists', druggists', and perfumers' labe the favourite design adopted by them being the Phœni without the *C. & D.* "Key." Harrison (Tring), Tockl (Wolverhampton), and Sinclair (Guernsey) were amo those of the Phœnix. The Royal Arms was adopted Butler, Sainsbury & Co., Cheapside, London, Mr. Westco and Messrs. Bradley & Townsend, Birmingham. T dexter and sinister of Mr. Dutton, of Hastings, were oc pied by an engraving of a laboratory and a pastoral scen respectively. F. J. Rouse, successor to Mr. Pears, Hi Street, Clapham, had lettering within an ornamental shiel while Gough's, of Hereford, was surmounted by a pest and mortar. Mr. John Hayman's (Golden Square) was t most imposing; this displayed "a prospect of the house bu by Surgeon Norton, inventor of Marchant's drops Curtis's "Flora Londinensis," 3 vols., coloured plate uncut, 1817-26, sold for 3*l.* 10*s.* at the same sale. A p scription was written by Dr. David Livingstone, as follow

℞ Potass. hydriod. ... ... 5ss.
Decoct. sarzæ ... ... ℥vj.
M. Ft. mist. capt. coch. mag jj. ter die. Pro Guli Maso 6 Feb./40. D. L.

This, with autograph letters and their envelopes, a addressed to John Douglas, Esq., M.D., Glasgow, fro H. M. Stanley, O. W. Holmes, and John Ruskin, on realised 11*s.*

Sale of Food and Drugs Acts.

Only one drug sample (sweet nitre) was found to adulterated by the West Suffolk analyst last quarter. T vendor was prosecuted and convicted.

At the annual meeting of the Incorporated Society Inspectors of Weights and Measures in London, on May the following resolutions were passed in reference to t Sale of Food and Drugs Acts:

That the British Pharmacopœia should be made a leg standard for medicinal articles.

That inspectors should have extended powers to ta samples of food and drugs while such articles are bei carried for delivery.

That the powers of vendors to contract themselves out the Sale of Food and Drugs Acts by means of a notice admixture should be severely restricted.

That the recommendation of the Departmental Co mittee appointed to inquire into the use of preservativ and colouring-matters in articles of food (Report, 1901) approved.

That an expert Board of Reference should be constitute to decide controversial questions of chemistry, hygiene, a physiology, and/or to assist magistrates when dealing wi such questions.

That it would be desirable if the wholesale manufacture or their agents could be brought within the provisions the Food and Drugs Acts in regard to the taking of sample especially in respect to those articles which are sold by t retail trader in sealed tins or other unopened vessels.

That the Local Government Board should have power fix standards and definitions of purity for articles of foo and to order the nature and amount of preservative (if an or other ingredient in any article of food to be explicit declared on the label and to prescribe the terms of t declaration.

The report of Mr. G. E. Scott-Smith, F.I.C., Sheffie public analyst, for the past quarter shows that 206 sampl were received for analysis. Of these five samples of co pound liquorice powder, nine of camphorated oil, and thre of sweet nitre all proved to be genuine. In his annu report he states that he examined 806 samples, includi compound liquorice powder 18, camphorated oil 32, swe nitre 22, and tincture of iodine 2. He has been re-appointe as analyst by the City Council, on the same terms as befor

Auction of Salvaged "Proprietaries."

An auction of the goods recovered from the fire a Messrs. Barclay & Sons' warehouse in Seacoal Lane, Londo E.C., on March 17, was held by Messrs. Toplis & Hardin at 73 Southwark Street, S.E., on May 10 and 11. T various lots consisted chiefly of proprietary lines whic in the majority of cases were but slightly damaged. T competition was brisk, especially for unmixed lots, ar good prices were realised, the auctioneer (Mr. Graha Harding) being very smart in picking out the buyers an getting them to bid against one another. The buyers we

chiefly wholesalers' representatives, the few retailers present being disappointed at the paucity of bargains. We subjoin some examples of the prices obtained :

Allcock's porous plaster, 100 boxes (2 doz. ea.), 40*l.*; 94 boxes do., 40*l.* Armour's beef-juice, 4½ doz. (1*s.* 9*d.*), 32*s.* Beetham's glycerin and cucumber, 30 doz. and 4 (1*s.*), 9*l.* 9*s.*; 56 (1*s.* 9*d.*) and 64 (2*s.* 6*d.*), 5*l.*; Larola, 23 doz. (1*s.*), 3*l.* 12*s.* 6*d.*; 19 doz. (1*s.* 9*d.*), 3*l.* 10*s.* Invalid Bovril (stained), 70 (2*s.*) and 45 (1*s.* 3*d.*), 6*l.* 5*s.* Bragg's chareoal, 69 bots. (2*s.*), 2*l.* 10*s.* Clay's fertiliser, 30 (1*s.*) and 43 (6*d.*), 21*s.* Condy's fluid, 207 (1*s.*), 7*l.* 17*s.* 6*d.* Dinneford's magnesia, 40 doz. (1*s.*), 12*l.*; 39 doz. do., 12*l.* 12*s.*; Dredge's Heal-All, 27 (2*s.* 6*d.*) and 28½ doz. (1*s.*), 8*l.* Eau de Cologne, Gegenüber, 50 ½-doz. boxes (4-oz.), 34*l.*; 29 doz. (2-oz.), 10*l.* 15*s.*; No. 4, 25 ½-doz. (4-oz.), 16*l.*; 50 doz. (2-oz.), 16*l.* Elliman's embrocation, 45 doz. (1*s.* 1½*d.*), 19*l.*; 13 doz. and 11 (2*s.* 9*d.*), 9*l.* 2*s.* 6*d.*; Erasmic soap ("Herb" and "Elite"), 160 boxes (3 tabs.), 4*l.* 10*s.*; Formamint (caps and labels damaged), 1 gross bots., 6*l.* 17*s.* 6*d.*; 238 bots., 10*l.* 10*s.* Lamplough's pyretic saline, 18 doz., 9*l.* Odol, 302 (2*s.* 6*d.*), 22*l.*; 264 (1*s.* 6*d.*), 12*l.* Ovaltine, 31 (3*s.*), 60 (1*s.* 9*d.*), and 33 (1*s.*), 4*l.* 4*s.* Pears' oatmeal and glycerin soap, 100 boxes (3 tabs.), 2*l.* 10*s.* Peps, 42½ doz. (1*s.* 1½*d.*) and 62 (2*s.* 9*d.*), 17*l.* Papier Poudré, 106 ¼-gross boxes, 21*l.*; 20 boxes and 39 doz. loose (damaged), 9*l.* Sanatogen (damaged), 48 (9*s.* 6*d.*), 84 (5*s.*), 16½ doz. (2*s.* 9*d.*), and 203 (1*s.* 9*d.*), 34*l.*; 89 (2*s.* 9*d.*) and 154 (1*s.* 9*d.*), 10*l.* Wincarnis, 7 doz. (2*s.* 9*d.*), 7*l.*; 6 doz. (4*s.* 6*d.*), 8*l.* 8*s.* Wood's areca-nut tooth-paste, 117 (1*s.*), 30*s.*; 65 doz. (6*d.*), 6*l.* 10*s.* Abol insecticide, 5 (½-gal.), 18 (quart), 12 (pint), and 34 pkts. Hayward yellow paste dip, 30*s.* Fly-catchers (1*d.* lines, various), 275 doz., 30*s.* Taylor's cimolite, 9 (6*s.* bots.), 3 (5*s.* 6*d.* tins), 15 (2*s.* 9*d.* tins), 4 doz. (1*s.* boxes), 27*s.* 6*d.* Vermin-killers, 6 boxes and 2 packages (including one gross of Battle's 6*d.* and 1*s.* sizes), 5*s.*

Contracts.

Salford Town Council.—R. K. Lakin & Co., Pendleton, for a year's supply of carbolic powder, at 3*l.* per ton.

Eton Urban Council.—Mr. Lewis appointed chemist for a year.

Folkestone Town Council.—Mr. J. E. Mallinson, chemist, Folkestone, for the annual supply of medicines, etc., to the sanatorium, at 17*l.* 3*s.* 5*d.*

Bristol Town Council.—Ferris & Co., Ltd., for the supply of drugs, chemicals, etc., to the city hospitals, at 171*l.* 16*s.* 4*d.*

Notts Notes.

The Nottingham Chemists' Association has made a new departure by sending out invitations to registered chemists in town and district to become members. Qualified employés of companies are included in the invitation.

On Whit-Monday a cricket match is to take place at Nottingham between a B.D.H. eleven and an eleven consisting of Leicester and Nottingham chemist cricketers. The Surrey C.C. begin the match against Notts C.C. on the same day.

Midland Notes.

Mr. W. B. Featherstone (formerly with Messrs. Southall Bros. & Barclay, Ltd.) and his wife celebrated their golden wedding in London last week.

On Proclamation Day, Boots, Ltd., pasted on the edges of the windows of their Birmingham headquarters (outside) two-inch strips of purple paper.

Mr. Lockhart, of Messrs. J. & H. Averill's, chemists, Stafford, has presented a number of books for the use of the patients in the Stafford General Infirmary.

Colonel Wyley was engaged in an army manœuvre in the Midlands last week which had for its object to ascertain the value of the motor-car in modern war tactics.

Sir James Sawyer, M.D., of Birmingham, has been elected Vice-President of the Therapeutical and Pharmacological Sections of the Royal Society of Medicine.

Midland chemists do not appear to have escaped the troubles of the ordinary tradesman in regard to the etiquette of mourning. In Birmingham a pharmacist has set out a very effective show of perfume on a background of black.

A young man hailing from Shrewsbury has been masquerading in King's Heath as a "swell" and endeavouring to obtain goods by false pretences. He tried his game on Mr. T. H. Foden, chemist, who was too sharp for him. The man is enjoying six weeks' hard labour.

The Coventry Patent case, in which an injunction was applied for by the Coslett Anti-Rust Syndicate, Ltd., came on for hearing in the Chancery Division, London, on May 6. Mr. T. W. Coslett is a pharmacist who formerly had the late Mr. Sterling Greaves' business in Jamaica Row, Birmingham. The patent consists in the use of iron phosphates as a deposit on steel and iron goods to prevent rusting.

A Chemist Attacked and Robbed.

Shortly after midnight on Saturday, May 7, Mr. Frederick Banks, chemist and druggist, 356 Walworth Road, London, S.E., was closing his premises when he was set upon by two men, who struck him upon the head, then bound and gagged him, leaving him lying unconscious while they stole 150*l.* and decamped. It was not until Sunday morning at 10.30 that Mr. Banks was found. The milkman, not getting any response to his knocking, called a policeman, who entered and found Mr. Banks lying on the floor of the sitting-room. He is making satisfactory progress towards recovery from his injuries, and has made the following statement in regard to the occurrence :

"I live alone on the premises, an assistant whom I employ going to his home at night. On Saturday night, after I had finished business, I was sitting, as usual, in the parlour behind the shop. All at once I was conscious of the presence of two men, and I felt a blow on the head. How the men came there or what they were like I had no time to think about. The first blow felled me to the floor, and then I felt two other blows. I remember no more. It must have been hours before I regained consciousness, and then I found that I had been gagged with my own handkerchief, and that I was tied up strongly with cord cut from the window-blinds. I called for help on several occasions, but no one came. By and by I heard a knocking at the door, which I concluded was the milkman. I called as loudly as I could, and fortunately he heard me. He, with two policemen, forced an entrance from the back and they released me. It has been my practice to keep a large amount of ready money on the premises—gold, silver, and copper. I cannot say exactly how much was there, but it is evident that something like 150*l.* has been taken away, and about 350*l.*, including more coppers than a man would care to carry, has been left behind."

It is a remarkable coincidence that the day on which Mr. Banks was attacked was the anniversary of his registration as a chemist and druggist—namely, May 7, 1869—when he passed the Modified examination. A representative of The Chemist and Druggist visited the shop on Tuesday, but found it closed and the object of much curiosity to passers-by in the busy Walworth Road. The business appears to be that of a druggist, pure and simple, of the ordinary working-class type. The shop is a corner one, and the house-door is in an adjoining street.

Dispenser and Death Certificates.

At the Yorkshire Assizes on May 11, Charlton Forman (37), East Beckett Street, Leeds, dispenser, was charged with unlawfully forging a death certificate under the Births and Deaths Registration Act, 1874, under Subsection 2 of Section 20, relating to the cause of death of Lucy McHaile on February 17 last. Prisoner pleaded not guilty. Counsel for the Crown said prisoner had been employed by Dr. Lyddon as a dispenser and bookkeeper, and Lucy McHaile was a baby girl who had been taken to a surgery, over the door of which appeared the name "Forman," and she asked for Dr. Forman. Forman examined the child, which died next day. A death certificate was then given by Forman. Several witnesses were called, including Dr. Charles Lyddon, who denied that prisoner was a partner, but as he was not fond of writing he employed him as a surgery attendant and bookkeeper. He was paid no salary, but received half of the profits arising from the business. Witness did not see the child. Prisoner went into the box, and stated that he had acted as assistant to Dr. Lyddon, and from November 1905 to March 1910 he had given over 150 death certificates, and certificates in every case were signed "Dr. Lyddon, M.R.C.S., etc.," with the doctor's knowledge and full consent. At no time had he had any contrary instructions. The jury found the prisoner guilty, with a strong recommendation to mercy, as they believed Dr. Lyddon had done his business in a very lax manner. Mr. Justice Ridley acceded to the jury's view, and passed only a nominal sentence—40*s.* fine—as there were other charges the prisoner could be tried upon.

Scots News.

When sending Newspapers containing Trade news to the Editor please mark the items.

Aberdeen and the North.

Mr. J R. Reith, chemist, Cults, has been appointed by the Peterculter Parish Council as assistant-registrar for the parish.

Chemists have a share in the demand of the public for the necessaries towards complimentary mourning for the late King. Black dyes have had a phenomenal run in Aberdeen, particularly that for straw hats.

Edinburgh.

King George V. was proclaimed in Edinburgh on Tuesday, May 10, and many of the shops, including pharmacies, were closed from 11 A.M. till 2 P.M.

At least two local chemists are among the fortunate ones who have gained comparatively large sums of money during the recent boom in rubber shares.

In the reference to Inman's Stores, Ltd., last week, the name of one of the directors was given as Mr. John Voltie. It should be Mr. John Pottie, 18 Hillside Crescent, Edinburgh.

Mr. George Somerville, pharmacist, Edinburgh, while fishing in the river Balvaig, Strathyre, on May 2, hooked a trout weighing 4¼ lb., and while running it another trout weighing 6 oz. was caught on a second hook. His son George, aged seven years, helped to land them with the net.

The fittings, etc., in the pharmacy recently occupied by Mr. William Ogilvie, at 39 Forrest Road, were sold by auction on Friday, May 6. The prices obtained were exceedingly low; only two local chemists were present. Dispensing-screen, counter, and glass cases were knocked down for 2*l.* 4*s.*; two mahogany stands for specie-jars, 6*d.* each; four ditto for carboys (good, solid mahogany), 2*s.* 6*d.* each; large showcase for counter, 4*s.*; large octagonal showcase for floor (plate-glass shelves), 1*l.* 1*s.*; 30-ft. cupboards, shelving, cornice, and 100 drawers with glass knobs and glass labels, 4*l.* 10*s.*; 15-ft. counter, fitted, 1*l.*; three chairs at 1*s.* 2*d.* each; gas-stove, 1*s.*; and pair of steps, 1*s.*

Glasgow and the West.

Mr. John Foster, chemist, has decided to discontinue his night bell at Charing Cross, Glasgow.

Mr. Thos. L. Sinclair, chemist and druggist, is opening a pharmacy near the West Station, Greenock.

Mr. G. Grierson, chemist and druggist, has acquired the Dalmuir Pharmacy, Dumbarton Road, Dalmuir.

The Rev. Dr. Adamson, 106 West Princes Street, Glasgow (father-in-law of Mr. Thos. Maben, of Parke, Davis & Co., London), is lying seriously ill.

Dr. P. L. Sutherland, of Partick, Glasgow, has been appointed bacteriologist on the staff of the West Riding medical officer of health at a salary of 250*l.* a year.

At the Central Police Court on May 6, Messrs. Kelvin & James White, Ltd., scientific-instrument makers, were fined 21*s.* for permitting a dense black smoke to issue from their boiler chimney at 18 Cambridge Street.

A meeting of the Glasgow Branch N.U.A.P. was held on Tuesday evening at 25 Bath Street, when the past year's work was reviewed and the following office-bearers elected for the ensuing session: President, Mr. Dunnet; Vice-President, Mr. J. Anderson; Hon. Secretary, Mr. Reid, Wilton Street; together with a strong committee.

While a van of drugs belonging to Messrs. T. & H. Smith, Ltd., Washington Street, Glasgow, was being driven along Parliamentary Road, an old woman over eighty stepped in front of the horse and was knocked down, the wheel passing over her body. She was conveyed to the Royal Infirmary in a St. Andrew's ambulance waggon. No blame is attached to the driver, who was unable to save her.

Chinese Arsenic.—The exports from Changsa (Hunan) during 1909 amounted to 7,452 cwt., against 9,243 cwt. in 1908 and 7,142 cwt. in 1907.

French News.

(From the "C. & D." Correspondent.)

Mr. A. Sercombe Griffin, who has spent the winter in Paris, and has closely identified himself with English pharmacists' assistants in the capital, has left to take charge of his father's pharmacy in Bath.

Locusts' Eggs.—Professor Raphael Duflos, of the Lyons Faculty of Sciences, has examined the eggs of locusts, and suggests that they might be utilised in therapeutics or industry. Profesor Malbot, of the Algiers Superior School of Sciences, also reports that the vitellus of the eggs contains phosphorus equivalent to 1.92 per cent. of phosphoric anhydride. Professor Duflos thinks this must be in the form of lecithin. In the time of Tiberius locusts were used in Africa as a medicine for certain cutaneous disorders.

The Master's Eye.—The recent troubles in French Indo-China recall the tale of the functionary who, after restoring order in a turbulent district, convoked the mandarins and headmen to a pagoda and said, "I have re-established peace, and I am about to leave you. But have a care—I leave in the temple my eye, and all that you do it will tell." And, taking out one of his eyes, he laid it before the statue of Buddha and majestically retired. The eye is still in the pagoda, and peace still reigns in the region. Need it be explained that the functionary was a one-eyed man who had a spare artificial eye in his diplomatic despatch-box?

The Artful Dodger.—Last week M. Monchy, pharmacist at St. Germain-en-Laye, received a telephonic message asking him to send immediately to Dr. Chesneau's house to fetch an urgent prescription. Maurice Anne, the pharmacist's assistant, took his bicycle and rode at once to the address indicated. In the courtyard he met a well-dressed young yellow, who said, "Go upstairs at once to Dr. Chesneau; he awaits you with impatience. You can leave your bicycle in the corridor." Anne mounted the staircase to the doctor's door. The doctor declared he had not telephoned, and had no prescription for the pharmacist. When the assistant went downstairs the bicycle was gone and the police were communicated with.

"Le Roi est Mort."—In Paris and throughout France the news of the sudden demise of His Majesty King Edward has been received with sentiments of profound sympathy and deep regret. Not least so among the pharmaciens of this country, for from them on every side tributes of genuine sorrow and respectful appreciation have been heard. In common with the vast majority of their intelligent countrymen, they have been quick to understand that France has lost a powerful and good friend; a promoter of peace and a sure helper in times of crisis. Among the British pharmacists in Paris the expressions of sorrow have been many and real. The leading Anglo-American pharmacies have displayed flags with crêpe and other signs of mourning, for in Paris, where his late Majesty was well known and beloved, the feeling of bereavement is very real. At midday on Tuesday there was a large gathering of British subjects, including a number of pharmacists, at the Hôtel Continental, Paris, when a resolution of loyal condolence was passed for transmission to King George, Queen Alexandra, and the other members of the Royal Family. Among those present at the gathering were Dr. Douglas Hogg, Mr. Sigismund Kutnow of London, and Mr. H. Clement Chown, of Messrs. Roberts & Co., rue de la Paix, Paris. The representatives of the medical profession included Dr. Leonard Robinson, physician to the British Embassy in Paris, who superintended the fitting up in Paris of the ambulance carriage which King Edward presented to Biarritz two years ago.

X-Rays and Bismuth Subnitrate.—The serious results that sometimes follow ingestion of large doses of bismuth subnitrate so as to outline the visceral organs in *x*-ray examination have been attributed to formation of nitrites, but Marr and Taillander's observations show that, so far from helping the formation of nitrites, the *x*-rays exert a restraining influence on the decomposition of bismuth subnitrate.

Australasian News.

"The Chemist and Druggist" is regularly supplied by order to all the members of eight Societies of Chemists in Australia and New Zealand.

New South Wales.

Pure Food Act Guarantee.—Pharmacists are being advised to secure a guarantee number and use it on their proprietaries. There is no charge for the guarantee, application for which is made on a form worded as follows :

"I, , being a resident in New South Wales, carrying on business at under the name of , do hereby guarantee that the goods or classes of goods hereunder described are, as sold by me, and marked with the serial number allotted and with the words of guarantee prescribed in paragraph (*d*) of Subsection (3) of Section 47 of the Pure Food Act, 1908, not adulterated, falsely described, mixed, coloured, composed or constituted in contravention of any provision of the said Act.

Goods and Classes of Goods Guaranteed.

"All drugs and food products within the meaning of the Act manufactured or put up by me."

Pharmaceutical Society.—At the annual meeting held at Sydney on March 15, the President (Mr. C. J. Carroll) delivered an address, in which he referred to the working of the Wages Board. The Board, he said, is creating a stand-off attitude between master and assistant. The award has increased the expense of conducting a pharmacy. Country-trained pharmacists find that in towns others are preferred at the existing rate of salary. A porter employed at a city pharmacy for three years has claimed the rate of pay of a third-year assistant. Assistants are taking up the attitude that it is *infra dig.* to put up stock. Masters should make notes of any disabilities under which they suffer, so that evidence may be forthcoming when the award lapses. After the address a resolution was passed that members should sign an undertaking to return their diplomas and certificates when they cease to be members or pay liquidated damages, 25*l*. If members fail to pay their subscriptions after twelve months' grace, the amount can be sued for.

South African News.

"The Chemist and Druggist" is regularly supplied by order to all the members of the seven Societies and Associations of Chemists in business in British South Africa.

Cape Colony.

Slandering a Chemist.—In the Supreme Court, Cape Town, on April 18, before Mr. Justice Maasdorp, a nurse named Clara Tattersall appealed against the decision of the Cape Town Magistrate, who, in December last, awarded damages and costs to Mr. H. R. Peck, chemist, Kloof Street, Cape Town, in an action for slander. The case arose over an alleged sale of ipecacuanha-wine, which Mr. Peck proved had not been sold by him, and certain remarks made by the appellant in the pharmacy before a customer (see *C. & D.*, January 8, p. 38). After a lengthy review of the case, the Judge said he considered the Magistrate's award a perfectly proper one, and dismissed the appeal.

Chemists *v.* Doctors.—This being a quiet season in press circles in Cape Colony pending the advent of union, the correspondence columns are very much in evidence just now. The old controversy regarding the dispensing doctor was raised by a chemist correspondent in a local daily, and has elicited a series of spirited replies from both sections. The medical men complain of the acquisition of ophthalmic practice by chemists, as well as unlicensed prescribing. Chemists naturally retort with the numerous instances of doctors selling sundries, surgical appliances, and in some cases, patent medicines, in Cape Colony. At the time of writing there seems no likelihood of finality, but doubtless editorial closure will ere long be imposed.

Personal.—Mr. C. Gerrish, who for the last three years has been representing Messrs. Southall Brothers & Barclay in South Africa, sailed for England on April 27 by the *Armadale*, on a business visit. Mr. Gerrish, who has only recently returned from a trip to Australia and a tour round South Africa, reports improved business from all the centres he has visited.—Mr. J. Patterson, who manages the Cape Town depôt of Messrs. Burroughs Wellcome & Co., is a golf enthusiast. At a competition of the Metropolitan Golf Club, held on the Green Point Links on April 16, Mr. Patterson won the Club's Monthly Medal, with a score of 77, including his handicap of 10. The bogey for the links is 72.—Mr. J. C. Glendenning, who has recently commenced business as a chemist in Hout Street, Cape Town, has left for a business-visit to England.—Mr. Magness Elgar, of Martin-Elgar, Ltd., sailed from Colombo for South Africa on April 23. His partner, Mr. R. R. Martin, left the East last month for Liverpool *en route* for Canada. Mr. Martin is far from well.

Stamp-tax and Trade.—At the annual general meeting of the Cape Town Chamber of Commerce, the President (Mr. J. W. Jagger) in his address voiced the general feeling of the trade regarding the levying and collection of the various stamp-taxes in Cape Colony. He was particularly severe in his references to those affecting patent medicines and cigarettes, pointing out that had the Treasurer caused the stamps to be affixed by the manufacturer or importer, as he was strongly urged to do, he could much more easily have controlled and checked the duty. He also referred to the uncertainty as regards what are and what are not patent medicines. The definition in the Act is "drained and extended in its administration so that many common articles which cannot possibly be construed to be medicines are required to have stamps affixed, so that a part of the commercial community is subjected to much annoyance consequent upon not knowing whether articles should be stamped or not."

Natal.

Mr. T. W. Dukes, J.P., F.C.S., Vryheid, has been elected Chairman of the Local Board of his town.

At the Quarterly Final chemists' and druggists' examination, held in Maritzburg on April 14, four candidates were examined, three of whom failed to satisfy the examiners.

Mr. W. J. Bows, M.A., B.Sc.(Edin.), has been appointed to the Chair of Botany and Geology, and Mr. W. M. Roseveare, M.A.(Cantab.), to the Chair of Mathematics, at the New University College at Maritzburg.

Orange River Colony.

Medical and Pharmaceutical Conference.—Writing on April 18, our correspondent says that the Conference of medical and pharmaceutical authorities, in regard to the unification of the laws of the various Colonies was fixed for the last week of the month or the first week in May. So far as pharmacy is concerned, the principal point for consideration will be how a general pharmacy council for South Africa can be instituted.

The Agricultural Show at Bloemfontein, on April 13 and 14, caused a considerable influx of visitors, and consequently increased trade to the chemists, and proved to be a record for South Africa. Among a large number of interesting exhibits, as regards the number of entries, that of Messrs. C. E. Gardner & Co., Ltd., wholesale chemists, in the form of a collection of veterinary instruments, excited much attention. The representatives of the firm, Messrs. Cowie and Yeo, were kept very busy explaining the numerous instruments, appliances, and outfits, and with excellent results from a business point of view. It was very disappointing to see a large stand of Messrs. Day, Son & Hewitt's cattle-medicines exhibited with the name of a grocer and general dealer as the local agent.

Transvaal.

Mr. J. W. Hull (representative of Parke, Davis & Co.) left by the night mail for Natal on April 13, *en route* to England. Mr. Hull is proceeding to the Old Country for five months, and was seen off by many friends, among whom were Mr. T. E. Jolly, Mr. and Mrs. Washington, Messrs. Chas Keir, Austin Purnell, J. Crawford, and T. Lockman. On the previous Monday evening Mr. Hull was entertained at dinner at the Trocadero by a few friends, and afterwards at the Empire Theatre. During the dinner Mr. T. E. Jolly presented Mr. Hull with a handsome case of pipes and a tobacco pouch.

Legal Reports.

Trade Law.

Negligence by Chemist's Assistant.—At the Tredegar County Court on May 10, Mrs. Alice Padfield, of Abertillery, recovered 25*l*. damages, and costs, from Mr. A. W. Lewis, chemist, Church Street, Abertillery, for negligence in the extraction of a tooth. Plaintiff said Mr. Lewis's assistant injected something into her jaw four times, and while he was attempting to extract the tooth something went "slap" in her face, and she fainted. When she recovered consciousness there was a lump under her eye, but the man told her it was nothing, only she would have "a nice little black eye" by the morning. Later on a portion of the tooth came right through the skin beneath the eye. Dr. Munroe and Dr. James, who were called, said the tooth had been forced through the upper jaw. Judge Hine Kelly said there was negligence on the part of the assistant in not ascertaining the condition of the tooth after he had failed to extract it.

A Deal in Carboys.—Sitting in the King's Bench Division on May 6, the Lord Chief Justice delivered his considered judgment in the case in which Messrs. Burdin & Co., carboy manufacturers, of Knottingley, Yorks, sued the Fruit Juice Co. for 330*l*., due on a cheque which defendants paid for a large number of carboys and then stopped, their allegation being that the goods were not according to order. The hearing was briefly reported in the *C. & D.*, April 30, p. 658. It was contended on behalf of the plaintiffs that the carboys should have been inspected at the London docks before they were shipped to Algiers and rejected, while defendants argued that such inspection was not obtainable. They counterclaimed for warehouse charges, etc. The Lord Chief Justice said he found as a fact that an inspection of the carboys at the London docks before shipment was not obtainable by defendants, and therefore they were not able to discover the defects in the goods. The defendants had a right to reject them in Algiers, and he gave judgment for defendants against plaintiffs on the claim, and for defendants on their counterclaim. Judgment was entered accordingly, and an application by plaintiffs for a stay of execution pending an appeal was granted.

Purchase of a Chemist's Business.—At the Croydon County Court on May 10, William John Purser, 76 Wardour Street, London, sued James Thomas, chemist, 75 Westow Hill, Upper Norwood, to recover 25*l*. on a bill of exchange.—Petitioner's counsel explained that Mr. Walter D. Goatley was trustee under a deed of assignment of the estate of the late Mr. W. J. Sanders, chemist and druggist, who carried on business at the above address. Mr. Goatley desired to sell the business, stock, and fixtures, and Mr. Thomas called, and, after going over the premises and inspecting the stock and books, offered 300*l*. for the concern, which was accepted. The sum of 250*l*. was paid in cash, and the defendant accepted two bills of 25*l*. each, drawn by Mr. Goatley and payable at three and six months. The first bill, which had been cashed by Mr. Purser, was returned unpaid, and formed the subject of the action.—Defendant counterclaimed, and said when he went into possession he found the stock valueless and perished and all in confusion, the drugs being wrongly labelled, and he believed he would have poisoned half Norwood had he sold the stock. Among other things, oxalic acid was labelled Epsom salts. (Laughter.) He never had anything to do with Mr. Purser. Mr. Goatley should not have parted with the bills.—Plaintiff's counsel read defendant's letter in reply to one reminding him that the bill had not been taken up. In it he said he was unable to pay because he had been disappointed in the business, which was a white elephant, and referred plaintiff to defendant's solicitor. Judgment was given for the plaintiff if 25*l*. and costs were not paid into court within fourteen days. This was to enable defendant to go on with his counterclaim if he so desired.

Training of a Chemist's Apprentice.—At the Manchester County Court on May 4 and 11, Judge Parry heard evidence and gave his decision in an action by Norman Alfred Bailey and his father against Alfred Jeans (Jeans & Co.), chemist and druggist, Oxford Street and Oxford Road, Manchester, for 100*l*. damages for breach of contract. It was submitted that Norman Bailey was apprenticed to the defendant on February 8, 1906, for four years (without premium), the defendant undertaking to teach and instruct him in the art, trade, or business of a chemist and druggist. In his evidence, Bailey asserted that he received hardly any training at all at the shop. Instead of being instructed how to read and make out prescriptions he was put to such manual and labouring work as opening casks and filling bottles of British wines. Complaints were made, but no change was effected in his work. On September 11, 1909, he declined to open a cask to which it was another assistant's duty to attend, and he was dismissed. He further stated that Mr. Jeans had declined to allow him to attend classes at the Technical School except in alternate weeks, and that the teachers would not allow this to be done. Defendant denied these statements, and witnesses were called to prove that Bailey had taken no interest in the business. Mr. Jeans detailed instances in which he gave specific instruction in dispensing. It was further submitted that there was no actual dismissal; Bailey was merely told that if he refused to do the work set for him he would have to go, whereupon he demanded the wages due to him and departed.—His Honour found that nothing like the systematic and proper attention which should be given to apprentices had been given in this case. He had had to do too much rough work, usually given to labourers or porters. He would now require considerably more training before he could qualify as a chemist and druggist, but, as the father should have interposed at an earlier date, he should limit the damages to 21*l*., and costs.

High Court Cases.

[Unless where otherwise stated the actions are in the High Courts of Justice, London.]

"Diamine" as a Trade-mark.

In the Court of Appeal, on May 6, the Master of the Rolls and Lords Justices Buckley and Kennedy delivered judgment in the application of Leopold Cassella & Co. G.m.b.H., under the Trade Marks Act, for registration of the word "Diamine" as distinctive of the dyes manufactured and sold by the applicants for registration, the case coming before the Court on the appeal of the Registrar of Trade-marks from a decison of Mr. Justice Neville directing him to proceed with the registration of the word. The case for the applicants was that the word "Diamine" had for a great many years been identified in the trade with Cassella's dyes for dyeing cotton without water. The Registrar opposed the application upon the ground that the word "Diamine" was a technical chemical word to be found in the dictionaries, denoting a certain chemical combination; and, secondly, that the company was seeking to justify its appropriation of the word by saying they had misapplied it. Their Lordships now gave judgment allowing the appeal, holding that the word "Diamine" was not adapted to distinguish the wares of the applicants from those of other traders, but was liable to confuse. They therefore held it was not a case in which they should direct the Registrar to proceed with the registration.

National Cash Registers.

On Monday, May 9, Mr. Justice Grantham and a special jury heard an action by Mr. Henry Crane, hotel proprietor, Tottenham, against the National Cash Register Co., Ltd., of Tottenham Court Road, for alleged breach of warranty in respect of the sale of five cash registers. The defendants denied the alleged warranty, and said that, if given, the person giving it had no authority to do so. There was also a denial that there had been any breach of the alleged warranty or that plaintiff had suffered damage thereby. The warranty alleged had reference to the price of the registers.

Mr. F. E. Smith, K.C., and Mr. J. D. Cassels appeared for the plaintiff, and Mr. Montague Lush, K.C., Mr. Simon, K.C., and Mr. J. Profumo for the defendants. Mr. Smith in opening the case, stated that the plaintiff agreed to purchase three cash registers at thirty-five guineas in December 1907, and two more at thirty-five and fifty guineas in April 1908, the defendants' agent (Mr. Septimus Linnell) stating that if the price of the registers should be subsequently reduced the plaintiff would have the advantage of the reduction. Mr. Linnell and the plaintiff supported these statements in evidence. After other evidence the foreman of the jury intimated that he and his colleagues had made up their minds, unless there was fresh evidence to come along, to which his Lordship replied that they could not stop the case. Then Mr. Lush submitted that in law there was no case for him to meet, because in the agreement between parties the following clause occurred:

"This agreement is subject to confirmation by your chief office in London, and covers all agreements between the parties hereto: and the agent of the company is only authorised to enter into this agreement and no other."

Mr. Lush further argued that the plaintiff had admitted glancing over the agreement, and the company could not

be bound by the alleged representations of their agents. His Lordship, however, allowed an amendment to the pleadings to get over this difficulty, and, in reply to Mr. Lush, said that the question for the jury was whether there was a warranty, and whether it was upon such warranty that the cash registers were bought. Thereupon Mr. Lush declared that he would call no evidence, and he proceeded to address the jury on behalf of the defendant company. The jury found that a warranty was given by the company's agent on the authority of the company, and awarded the plaintiff 110*l*. Judgment was entered accordingly, but a stay of execution was granted on the application of Mr. Profumo.

Pharmacy Acts.

Illegal Sale of Oxalic Acid.

At the Edmonton County Court, before Judge Tindal Atkinson on May 6, Tasker Keys, 487 High Road, Tottenham, was summoned, at the instance of the Pharmaceutical Society, for selling oxalic acid contrary to the provisions of the Pharmacy Act, 1868, and the Poisons and Pharmacy Act, 1908, he not being a registered chemist. Mr. W. H. Quarrell, solicitor, appeared for the prosecution. Evidence was given of the purchase of a pennyworth of oxalic acid, which was supplied by the defendant to George Waldock. The quantity was 1 oz., and Mr. Thomas Tickle, F.I.C., stated that it contained a fatal dose of oxalic acid.

The defendant claimed exemption under Section 16 of the 1868 Act, on the ground that he had been a medical practitioner and had passed an examination in pharmacy. He admitted, however, that he had not been registered.*

His Honour pointed out that the Act says that any unregistered or unauthorised person selling a poison is liable to a penalty.

The defendant said that it had been held by Justices Grantham and Collins that a legally qualified man, as he claimed to be, is exempt. He was, however, unable to quote the case.

The Judge : The statute says you must be registered.

The Defendant : I got my diploma in pharmacy in 1884.

His Honour : I must hold that you do not come within Section 16. You can go to the Divisional Court.

Defendant said that it was no good his appealing : he had not the money to do so. The country was full of unqualified humbugs. In reply to the Judge, the defendant said that he could be placed upon the register now. He was sorry the case had been brought, as he had been nominated for the Fellowship of the College of Physicians, London.

His Honour said that if he had the power to inflict a less penalty than 5*l*. he would do so, but the Act did not give any option. The defendant must pay 5*l*., and costs.

Defendant said that he would do time before he would pay.

A Florist Pays Up.

The Society had another case in the same Court against Thomas Trusler, a florist, of Windmill Hill, Enfield, for having sold a poisonous vegetable alkaloid—namely, nicotine—which formed part of the ingredients of "XL-All Insecticide," but the penalty in that case was paid into Court.

Prosecutions in Edinburgh.

At the Edinburgh Sheriff Court on May 6, Robert Alexander Gunn, son of Dr. Alexander Gunn, who carries on a chemist's business at 3 Nicolson Square, Edinburgh, was charged, at the instance of the Registrar under the Pharmacy Acts, with the concurrence of the Prosecutor of Court, with having on February 26, in his father's shop, illegally sold to Edward Newman laudanum and red-precipitate ointment, he not being a qualified chemist. The respondent pleaded "Not guilty," and his defence was an alibi. Mr. Peter Morison, S.S.C., conducted the case on behalf of the Society. Mr. J. Rutherford Hill, Assistant Secretary in Scotland to the Pharmaceutical Society, stated that he waited at the door and saw Newman served with the laudanum and the ointment, and both he and Newman identified the respondent as the man who served the poisons. They also stated that the respondent served the poisons to Newman on March 6. The evidence for the defence occupied a considerable time, the effect of it being that the respondent, who is a dental surgeon, had not served in his father's shop for five or six years past. Two witnesses gave evidence that on February 26, when the respondent was said to have served the poisons, he was in the house of a friend, and that on March 6 he was at Wick. In corroboration of the latter statement, postcards and an envelope, which were stated to have been sent by him and bore postmarks about that date, were produced. In cross-examination, Dr. Gunn admitted that the respondent was not qualified to sell poisons. Sheriff Orr found the respondent "Not guilty," and found the Society liable in two guineas expenses. He said that in some respects this was a remarkable case, because it turned entirely upon the evidence as to the respondent's identity, and whether or not he was in the shop when the poison was alleged to have been sold. The evidence of the prosecutor rested on two witnesses, both of whom were quite clear as to the respondent's identity. He had no doubt these witnesses believed they saw the respondent, and that they gave their evidence in a perfectly honest manner. He was not prepared, however, to disregard or disbelieve the evidence for the defence. February 26 was the only date charged, but the Prosecutor had increased his difficulty by referring to a second sale on March 6. His Lordship said it had been very clearly indicated from the evidence, the letter and the postcards produced, that the respondent left Edinburgh for Wick on the last day of February, and did not return till about March 11. His Lordship said he accepted everybody's evidence in the case as that of intelligent, honest, and truthful people believing that they were giving true evidence and meaning to do it. It was a serious case for the respondent, turning solely on the question of identity. There had been many cases in which such evidence had in the long run proved in error, and he was not prepared to give effect to it on this occasion.

The next case was that of George Baikie Gunn, another son of Dr. Gunn, who, on being called to answer to a charge in the same terms as the previous respondent, pleaded "Guilty." It was stated on behalf of the respondent that this was little more than a technical breach of the Act. He had seen his father sell the same poison to the same customer on a previous occasion, and he thought there would be no harm in repeating it. The Sheriff imposed a fine of one guinea, with one guinea of expenses.

XL-All Insecticide.

At the Marylebone County Court, before Sir W. L. Selfe on May 11, the Pharmaceutical Society sued Messrs. Morle & Co., seedsmen and florists, 152 Finchley Road, N., for 5*l*., penalty alleged to have been incurred through the sale of poison in contravention of the Poisons and Pharmacy Act, 1908.

Mr. W. S. Glyn-Jones, barrister (instructed by Messrs. Flux, Thompson & Quarrell), stated that an officer of the Society had purchased a bottle of nicotine insecticide at the defendants' premises which did not bear the name and address of the vendors. They had thus committed two separate offences—keeping open shop for the sale of poisons and selling poison without the name of the seller being on the bottle.

The purchase of a bottle of XL-All Insecticide at the defendants' shop having been proved, the bottle was produced. It bore a label stating that the contents were manufactured by G. H. Richards, High Street, Southwark, but there was no further name or address.

Mr. Harry Moon, Clerk to the Pharmaceutical Society, produced the register of chemists and druggists, and said that it did not contain the names of the defendants.

Mr. Thomas Tickle, F.I.C., said he had analysed the contents of the bottle and found it contained 130 grains of nicotine, sufficient to poison 100 people.

His Honour : Where does the nicotine come from?—It is extracted from tobacco. Used in the pipe, the nicotine

* At the examination in bankruptcy of this defendant, Tasker Spencer Keys, at Portsmouth on October 30, 1905 (*C. & D.*, 1905, II., 729), he stated that he was an unqualified medical assistant. A company was formed on May 18, 1905, to take over the business at 487 High Road, Tottenham, and a compulsory winding-up order was made in respect to this company (Tasker Keys & Co., Ltd.) at Edmonton two months ago (see *C. & D.*, March 12, p. 412).

is burned and only a small portion passes down in the smoke.

His Honour: And still we smoke.—Witness further explained that nicotine is a poisonous vegetable alkaloid, and the article sold a solution or admixture of nicotine, both being scheduled poisons.

Mr. Glyn-Jones said that he was informed a licence had been granted to Messrs. Morle & Co. to sell under the Privy Council regulations, but they did not come under the exemptions clause, not being qualified chemists. Regulation 14 provides, he added, that the poison must be sold in an enclosed vessel and must be distinctly labelled with the name and address of the seller. It had been given in evidence that the label did not contain the name and address of the seller.

His Honour: I see that the label states the specific purpose for which this preparation is used—it says something about killing insects, but I observe that the name and address of the seller are not there. Was the attention of the defendants called to this?

Mr. Glyn-Jones: They have been seen about it and have been written to.

His Honour: What did they say?

Mr. Glyn-Jones: They simply said they would communicate with us. I have, I contend, established beyond doubt that the defendants have been guilty of a breach of the regulations. These regulations are made for the purpose of tracing the sale should an improper use be made of the material. The purchaser may sign the book as required, but the police could not trace him if the seller was not known.

His Honour: What about the manufacturer?

Mr. Glyn-Jones: The wholesale vendor is exempt under Section 16 of the Pharmacy Act, 1868, and he does not require to be a qualified chemist.

His Honour: The defendants have made a slip, for which they must pay; there will be judgment for 5*l.* and costs.

Prosecution in Glasgow.

In Glasgow Sheriff Court, before Sheriff Mackenzie, on May 10, William McGregor, pharmaceutical student, was charged, at the indictment of the Registrar of the Pharmaceutical Society, with two offences under Section 15 of the 1868 Act—namely, that, being unqualified, he sold in the shop of Dr. Jope, 212 Saracen Street, on March 22, quantities of red precipitate powder and of opium (laudanum). He pleaded not guilty.

Mr. J. Rutherford Hill, Assistant Secretary of the Society in Scotland, proved in evidence the absence of the respondent's name from the Register of Chemists and Druggists. Further, that he instructed Edward Newman to enter the shop and purchase the poisons. He watched outside, and saw what took place within. In reply to Mr. Barrie, solicitor, who prosecuted, witness said the red precipitate was so loosely wrapped up that it was constantly dropping out. Witness afterwards entered the shop and asked respondent what certificate of qualification he possessed. Respondent said he was very sorry because he had made a mistake. Witness said he was sorry the doctor had left him in charge when he had committed such an offence. Respondent replied that witness must know him well, as he had three times stood for examination and failed.

Edward Newman spoke to making the purchases, and corroborated generally the evidence of Mr. Hill.

Respondent's agent, replying to the Sheriff, said his defence was that Dr. Jope, in whose shop the offence was alleged to have been committed, had no shop at that address, having removed from there some years ago.

Dr. Jope, who was called, said that he had ceased to occupy the shop in question for about two years. He at present occupied a shop at Saracen Cross, about a hundred yards from the shop in question.

On the motion of the prosecutor, the Sheriff said he would amend the complaint to apply to the shop which, as had now been mentioned, was evidently the shop in which the offence had been committed.

Evidence for the defence concerning the two shops having been led,

The agent for the defence contended that the alleged offence had not been committed in the shop to which reference was made in the complaint.

Sheriff Mackenzie said that would not do. It would not do for the respondent to keep his defence up his sleeve and then spring that defence upon the prosecutor after he had closed his case. Besides, the respondent's agent did not contend that the sale of the poisons referred to had not been made. His Lordship imposed a fine of 1*l.* 10*s.* for each offence, with 1*l.* of expenses.

Merchandise Marks Act, 1887.

"Finest Olive Oil."

The hearing of the action against the London Produce Brokers' Co., Ltd., Mr. Wm. Garrard and Mr. James F. J. Williams, director and salesman of the company (see *C. & D.*, May 7, p. 719), was resumed by Alderman Sir William Dunn at the London Guildhall on May 9. The charge was for applying a false trade-description, "olive oil," to a mixture of olive and arachis oils.

Mr. Ernest J. Parry, F.I.C., F.C.S., was now called for the prosecution, and in reply to Mr. Avory, K.C., he stated that last year he analysed samples of so-called olive oil that had been sent him by Mr. Leon Frenkel. He recognised as his own the report dated September 22, relating to sample marked "F. G. 2002-38, *Kama Maru.*" It was to the effect that the sample was "pure olive oil corresponding with the requirements of the B.P." At that time he was aware that arachide-nut oil had been used as an adulterant of olive oil, but not of its being used at the time. He had no specific instructions to test for arachide oil; all that was required was a certificate showing that the sample was according to the standard of the B.P. The instructions he received from Mr. Frenkel were general in their character and extended over the past four or five years. As a matter of fact the B.P. did not prescribe any test for arachide oil, but the new edition would: he had seen draft proofs of it. There was not a trace of cotton-seed oil or sesame oil in the sample. Mr. Bodkin then cross-questioned witness as to his instructions from Mr. Frenkel. Witness then stated that he had heard of arachide oil being used as an adulterant ten to fifteen years ago, and analysed for it when the circumstances rendered it specially necessary.

Mr. Avory then informed Sir William Dunn that his case was closed.

Mr. Bodkin next opened for the defence. In the course of his speech he explained the position of the company and the large way of business they are in. It was a rule of the company, he said, that every contract had to be signed by a director. The position of Mr. Garrard was that of a director who signed the contract with Mr. Frenkel—in the midst of hurry on 'Change, or the rush of office business. Mr. Williams, on the other hand, had been with the company for a number of years, and had assigned to him the duty of arranging for contracts. It was he who really carried out the arrangement of the contract with Mr. Frenkel, although during the interview Mr. Garrard did enter into the conversation by offering some commonplace observations. In the office of the company was kept what was known as the "contract list book," in which the particulars of each contract were entered. Mr. Bodkin here handed to Sir William Dunn a copy of the headings of the book, and pointed out that in the latter appeared the particulars respecting the fifty barrels of oil to which reference had been made. The entries were: Date, August 20; Sellers, Bulteaux; Buyers, Leon Frenkel; Quantity, 50 barrels; Goods, pure olive oil; Price (net), 45*s.* 3*d.* C.D. (cash against documents)." Proceeding, Mr. Bodkin contended that after Mr. Williams had made the entry in the contract list book his connection with the matter ceased, and the book passed into the department where, in ordinary course, clerks made out the invoices and other necessary documents for transferring the goods to the purchaser. They made an entry in another book known as the "prompt book," which was similar to the other except that it went a little more into detail, because there were necessary entries for the record of payments made against the contract.

Sir William Dunn pointed out that the prompt book did not describe the goods as pure olive oil.

Mr. Bodkin agreed, mentioning that the description was merely "olive oil." "But," he added, "according to my learned friend there is no distinction between 'pure' olive oil and olive oil—it must be olive oil—the expression of the olive berry." Directing Sir William Dunn's attention to the summons, Mr. Bodkin pointed out that defendants were charged with having on September 10, 1909, sold certain goods to which a false trade-description was applied —to wit, olive oil. It was unnecessary for him, he said, to agree that the summons was in form. The real party to be summoned was the company. Persons who aided and abetted or counselled and procured someone else to commit the alleged offence were, according to the Act, to be dealt with as if they were principals. He had, in regard to the two gentlemen in Court, selected that tribunal for trial, because this was a business-man's case, and the defence they put forward arose upon ordinary business and commercial principles and commercial practice. Mr. Bodkin proceeded to say that while the contract was to sell goods, the goods to which it referred were not in this country on August 20. They were, he said, in Marseilles. Therefore, quite apart from the fact that his clients were not summoned in respect to the contract of August 20, the Merchandise Marks Act could not apply so as to make the contract a false trade-description within its provisions. The marks under the Statute, he said, must either be applied to the goods themselves, or the trade-description must appear upon documents immediately connected with the goods which were the subject of the transaction. While, therefore, the contract described the goods as "pure olive oil," it could not be made the subject of the summons, because there were no goods at that time defined as apportioned and appropriated to the contract. Mr. Bodkin proceeded to deal with the merits of the case, submitting that the Produce Brokers' Co. acted in the matter to all intents and purposes as mere brokers. With the goods themselves they had nothing whatever to do. They never saw or dealt with them, they did nothing down in the docks in regard to them. All they did was to buy them on the one hand, and sell them on the other. Mr. Bodkin then read the contract as between the Produce Brokers' Co. and Mr. L. G. Bulteaux, jun., for the purchase by the former from the latter of the oil in question. The quantity was 50 barrels, the description "pure olive oil as per sample 1299, to be of good merchantable quality, at 4*s.* 6*d.* per cwt. net, c.i.f. London." The description of the goods in the purchasing-contract was therefore identical with that in the selling-contract, and he submitted that the defendants were entitled to trust the description given to the goods by Mr. Bulteaux, who acted on behalf of Messrs. Ginnieis, of Marseilles. He added that questions would arise as to the civil liability of the parties, but he submitted that the defendants had acted innocently, and that in consequence of the provision of Section 2, Subsection 2 (c) of the Merchandise Marks Act, they were not liable to punishment. He quoted Christie, Manson & Wood *v.* Cooper (1900) in support of this contention, and in a similar connection he recalled the case of Gadsden *v.* Bennett & Co., Ltd., heard by the Lord Mayor in January 1906 (a soda-crystals case). Mr. Bodkin then replied to points raised by Mr. Avory in his opening, and, in concluding, said the West Riding County Council had had the advantage of the help of all the documents in the case, and their proceedings were of value in perhaps causing an amendment of the British Pharmacopœia; but it was of importance not to construct out of the Act of Parliament criminal offences against gentlemen whose last thought was to contravene the Statute.

Mr. Louis G. Bulteaux, 21 Mincing Lane, was then called, and gave evidence in support of Mr. Bodkin's statement as to the contract with the defendant company. He stated incidentally that the oil was a job line. In cross-examination he stated that "huile comestible" may mean seed oil, Russian oil, olive oil, or sesame oil, and "huile salad" might mean olive oil or any other edible oil. He sold the article to the Produce Brokers' Co. as pure olive oil, and as agent for the vendors it was his business to see that the shipping documents were in order, and in this case he himself received the bill of lading. The oil was described as "huile comestible," but this might mean pure olive oil. After the cross-examination was completed Mr. Bodkin rose to re-examine witness, but was stopped by a gesture from the Magistrate, who said:

"It is not disputed that this oil which was sold was not olive oil, but was adulterated to the extent of 80 per cent. Of course, the Yorkshire County Council have done a good thing to bring this to the notice of the public who have been buying inferior olive oil. I find that the Produce Brokers' Co. sold this oil to Frenkel as pure olive oil, and the defendants aided and assisted the company in the sale. The defendants have proved to me conclusively that they bought this oil believing it to be olive oil—and that pure olive oil—and have acted innocently in the matter. Therefore I dismiss the summons against them."

The Clerk: In regard to the other summonses? [These were taken out under Section 6 of the Sale of Food and Drugs Act, 1875.]

Mr. Avory (addressing Sir William): I am in a critical position in regard to these. I cannot tell how far my learned friend's argument has affected your mind, but I had a great deal to say in answer to that.

Sir William Dunn: I gave my judgment from the facts before me. These were, that they sold pure olive oil and bought pure olive oil. Therefore I consider that they acted innocently, and were not liable under the Act.

Mr. Avory: My difficulty is that we had not yet come to that part of the case which was relevant—namely, the alteration of the weight notes, and the different description which was given on the copies sent to us.

Sir William Dunn: The order was given for pure olive oil, and pure olive oil was supposed to have been delivered. That is what I said.

Mr. Avory: I should like my point to be considered, because there is not only the question of the summonses against the company. I can deal with them at once, because they would follow the fate, of course, of the present one.

Sir William Dunn: To what do you refer?

Mr. Avory: To the summonses under the Food and Drugs Act.

The Clerk: If you adjourn now you will be able to decide at a quarter to two.

Mr. Avory: If you give me five minutes now, sir?

Sir William Dunn: I will be ready in five minutes.

After a short adjournment Sir William Dunn came back to the bench.

Mr. Avory: Sir, I am advised by my clients that the other summonses should be withdrawn, and that they have performed a public duty in bringing this matter before the Court. I think you will agree that they were only performing their duty in taking proceedings against the people declared in this country to be responsible for putting this article on the market. That is why the defendant company were selected, because they were the ultimate sellers.

Sir William Dunn: I quite understand that, and you will see from what I said that the Yorkshire County Council have done a good thing to the British public in bringing the case before the Court.

Mr. Bodkin: A word from me to say that I am in no way out of harmony with what my learned friend representing the County Council of the West Riding of Yorkshire has said. The Produce Brokers' Co. is a company of very high standing in the City. Now that these proceedings have resulted, in your view, that they simply sold what they had bought, that they were handing over goods as they were described to be, the company acquiesce in the course suggested. For that reason, and as the case has cleared their good name, and they now stand as high as ever they did, we are not proposing to ask for any costs.

Sir William Dunn: I have known the London Produce Brokers' Co. for many years, and I know their high standing. I do not think they require any testimony from me.

Veterinary Surgeons Act.

"Cat Doctor and Expert."

At Croydon on May 3, Edward George Burnes, *alias* Salvo, 43 Grange Road, Thornton Heath, was summoned, at the instance of the Royal College of Veterinary Surgeons, for describing himself as a cat doctor and expert without being registered under the Act. Evidence was to the effect that a lady took a dog to Salvo, who gave her

two bottles of medicine for the animal. He was described as "Salvo, cat doctor and expert," on the labels. A fee of 3s. 6d. was charged.—Defendant stated that he was not a veterinary surgeon, and had never professed to be so. The words on the label were a printer's error.—The Chairman of the Bench (Mr. F. Dyer) considered the case proved, but Alderman King dissented, pointing out that in none of his advertisements or on his stationery did defendant state that he was a veterinary surgeon. The summons was accordingly dismissed, but the Magistrates consented to state a case for appeal.

Sale of Food and Drugs Acts.

CAMPHORATED OIL.

At Middlewich, Cheshire, last week, Joseph Hoole, a grocer, was summoned for selling camphorated oil which was certified to contain 16 instead of 21 per cent. of camphor. The inspector stated that he purchased eight penny bottles of camphorated oil, and poured the contents into one large bottle before dividing it into three parts. Defendant's solicitor contended that the case must fail, as the oil was not divided as required by law. It had been laid down by Mr. Justice Darling in Mason *v.* Cowdery that each bottle is a separate article, and therefore ought to be divided and analysed separately. He also pointed out that on each bottle was a warranty given by the manufacturer, and if defendant had given the inspector notice within the proper time, proceedings would have had to be taken against the manufacturer. The Bench dismissed the summons, and agreed to state a case for appeal.

New Companies Registered.

The letters P.C. mean Private Company within the meaning of the Companies Act, 1907, and R.O., Registered Office.

FULTON & MEIKLE, LTD. (P.C.).—Registered in Edinburgh. Capital 15,000*l.* Object: To acquire the business of Fulton & Meikle, manufacturing chemists, Dawsholm, Maryhill, Glasgow. The first directors are C. Fulton and J. Meikle.

NATIONAL RADIUM BANK, LTD.—Capital 10*l.*, in 1*l.* shares. Object: To carry on the business of bankers, merchants, financiers, dealers in radium, uranium, pitch-blende, and other radio-active substances, etc. R.O., 25 Victoria Street, S.W.

PHILIP ELLIOTT, LTD. (P.C.).—Capital 10,000*l.* Object: To carry on the business of soap-manufacturers, chemists, druggists, drysalters, oil and colour men, etc. The first directors are J. Holmes, Bradford, and P. Elliott, manufacturing chemist, Eldwick.

E. BRAMWELL & SON, LTD. (P.C.).—Capital 10,000*l.* Object: To take over the business of E. Bramwell & Son, alkali and chemical manufacturers, St. Helens. The first directors are E. Bramwell and G. H. Bramwell. R.O., Navigation Chemical Works, Parr, St. Helens.

HAZEL & ROBSON, LTD.—Capital 500*l.* Object: To carry on the business of chemists, druggists, dentists, opticians, etc. The first subscribers and directors are H. Hazel, 23 Orwell Road, Liverpool, chemist's assistant, and V. H. Robson, 45 Watford Road, Anfield, Liverpool, chemist.

HARRINGTON'S, LTD. (P.C.).—Registered in Dublin. Capital 15,000*l.* Object: To acquire the business of manufacturers of chemicals colours, paints and varnishes, oil, soap, medicines, etc., carried on by Wm. B. Harrington, Sir Stanley Harrington, and I. E. Harrington at Shandon Chemical, Colour, Paint and Varnish Works, Cork, as Harrington Bros. The first directors are W. B. Harrington, Sir S. Harrington, and I. E. Harrington.

Company News.

BRUNNER, MOND & CO., LTD.—The directors have decided to pay an ordinary dividend at the rate of 27½ per cent. for the year ended March last, free of income-tax, less interim dividend already paid. A sum of 150,000*l.* is transferred to suspense account, leaving 27,000*l.* to be carried forward. A sum of 2,000*l.* has been written off patents.

RATIONAL REMEDIES, LTD.—Mr. H. E. Burgess, Official Receiver, has reported on this company (in liquidation). The company's business was carried on at 10 Henrietta Passage, and at the other side of the premises (20 Old Cavendish Street) it continued as "A. Gordon Wallace." Advertisements were in the latter name. On August 3, 1909, in consideration of 500*l.* cash, debentures of that amount were issued, and on December 7 following, interest being overdue, the debenture-holder appointed Mr. A. J. Warner (otherwise Arthur Wallace) as her receiver, and he had since carried on the business on her behalf. The business had been carried on at a loss throughout, and the failure of the company was further attributed by the directors to excessive expenditure in advertising, printing, etc. The liquidation is in the hands of the Official Receiver.

W. J. BUSH & CO., LTD.—The report of the directors for 1909 states that the gross profit for that year was 104,189*l.*, and after providing for debenture interest, expenses, and directors' remuneration, and making allowance for depreciation, the net profit is 27,771*l.*, which, with the amount brought forward, makes a total of 36,918*l.* to be dealt with. After deducting the amount required for dividends on the preference shares, there remains a balance of 30,668*l.* Goods valued at 2,588*l.* held by Messrs. J. Sofio & Co., of Messina, were destroyed by the earthquake in 1908, but the directors, although considering the company not liable for the loss, recommend that it be divided, and that an appropriation of the profits be made accordingly. They recommend that the balance be appropriated as follows: 1,000*l.* to increase the reserve against sundry debtors, 5,000*l.* to general reserve fund, 2,000*l.* to the reserve against the debt owing by W. J. Bush & Co., Incorporated, a dividend on the ordinary shares of 7½ per cent. per annum, to pay Messrs. J. Sofio & Co. 1,294*l.*, and to carry forward 11,999*l.*

Lorimer & Co., Ltd.

The statutory meeting of the creditors and shareholders of this company was held at the London Bankruptcy Court on Wednesday, May 11. Mr. H. E. Burgess, Official Receiver, presided. Mr. Bartrum attended on behalf of Mr. Richard Smith, a creditor for director's fees, on whose petition the winding-up order was granted. The Chairman reported that the Official Receiver was appointed provisional liquidator and the business had since been carried on under the management of Mr. Percy Mason, C.A., 64 Gresham Street, E.C., who had reported that a fair amount of trade was being transacted, but unfortunately it was a business in which long credit had to be given. The Chairman then gave particulars in regard to the formation of the company, such as were printed in the *C. & D.*, April 9, p. 535. The company, he added, had throughout been troubled by the want of working capital. In the first instance they were financed by means of a bankers' overdraft. Since 1902, in which year there was a profit of 2,844*l.*, out of which a dividend of 6 per cent. was paid, there had been a continual loss, amounting to 3,885*l.* in 1903, 2,600*l.* in 1905, 3,400*l.* in 1907, and 4,800*l.* in 1908. The amount now standing to the debit of the profit and loss account represented a total loss of 16,000*l.* during six years' trading. That loss had largely arisen from the following causes. A depot was started at Sydney, N.S.W., and apparently the company did not keep a proper inspection of the affairs of that branch. In 1903 it was found that there was a tremendous stock of unsaleable goods there; they had to be realised at a loss; the business was closed in 1903, and when in 1907 the last parcel of stock was disposed of it was found that the total loss was 3,300*l.* Then a business was started in South Africa by arrangement with Messrs. Kressmann & Co. The company agreed to supply goods on special terms and to take payment in bills, 2½ per cent. commission being charged for the credit given. Under that agreement the company supplied goods to the extent of 10,000*l.*, for which bills were drawn by Kressmann & Co., and were hypothecated with bankers at 70 per cent. and 80 per cent. Some 2,000*l.* of the bills had been met at maturity. In December 1905 a committee of shareholders was appointed to investigate affairs, and they recommended that the company should be freed from those contracts which were to be taken over by Mr. Lorimer. That gentleman agreed to the arrangement but was unable to carry it through, and eventually Kressmann & Co. were sued on the dishonoured bills, and after realisation of their (Kressmann & Co.'s) assets there was still a debit of 2,600*l.*, representing the loss sustained by this company. Another source of loss was in respect of the company's shareholding in Parke's Drug Stores, Ltd. Those shares were bought by the company from the vendors at par and were eventually realised at 15*s.* per share, the loss being returned at 1,300*l.* A further loss was in respect of an interim dividend paid in 1903. At the end of that year it was found that there had been a considerable loss on the year's trading, and that consequently no dividend ought to have been paid. It would be a question for the liquidator to consider whether the money thus paid could be recovered from the directors, and whether it was not statute barred. The failure was further attributed to the fact that there had been constant differences of opinion between Mr. Lorimer and Mr. Brocklesby as to the method of carrying on the business. The

committee of shareholders had reported upon that point that considerable and excessive expense had been incurred in that steps taken by one gentleman had been countermanded by the other. As everyone knew a business that was not worked harmoniously could not be carried on at a profit. In order to meet those losses it was suggested that the capital should be written down. Messrs. Lorimer and Brocklesby agreed to surrender some of their shares; the first-named gentleman was to surrender 8,000, and had transferred 5,000 of the number, and Mr. Brocklesby had surrendered 6,000 of his shares to the secretary for cancellation. The capital of the company was altogether reduced from 60,000*l.* to 23,000*l.*, made up of 46,000 shares, at 10*s.* in the pound, but that step had not received the sanction of the Court. The committee of shareholders, appointed in November 1905, reported in the following December upon their investigation, and recommended that in the future there should be only one managing director and that Mr. Brocklesby should fill the post; that the company should be freed from the South African agreement; that 14,000*l.* of the vendors' shares should be deferred as to dividend; that the managing directors should be required to pay back their overdrawings and liquidate them by cancellation of shares; and that further working capital should be obtained. The additional capital was not forthcoming, and the company continued to be in financial difficulties. Asked regarding the directors' overdrawings, the Chairman said they were empowered to anticipate their dividends by drawing on account during the year, and in that way there was a debit of 1,100*l.* owing by Mr. Lorimer, and one of 676*l.* by Mr. Brocklesby. The last-named gentleman at once began to wipe off the debit by underdrawing his fees, and had cleared off the whole sum, but Mr. Lorimer continued to owe the company 1,300*l.* In the course of litigation that subsequently ensued Mr. Lorimer made a claim against the company in respect of the South African contracts, and the company counterclaimed in respect of the overdraft. The action was settled by all claims being withdrawn, by the cancellation of Mr. Lorimer's debt, and the payment of 150*l.* to that gentleman. It would be the duty of the liquidator to see whether a compromise was properly arrived at, because it looked as if Mr. Lorimer had obtained a very fair share of the bargain. The statement of affairs showed the following assets: Cash, 200*l.*; stock-in-trade, estimated to produce 9,001*l.*; machinery, 1,000*l.*; trade fixtures, 1,000*l.*; investments, 50*l.*; lease of 118 Rushey Green, Catford, and goodwill, 756*l.*; stamps, 5*l.*; good book debts, 4,377*l.*; doubtful and bad debts, estimated to yield 57*l.*; bill of exchange, 16*l.*; and surplus from freeholds, 2,297*l.* Total, 18,768*l.* 14*s.* 7*d.* The freeholds were taken over by the company at 9,800*l.*, and the premises had since been valued at 11,500*l.*; the amount due under the mortgage was 7,700*l.*, and as the directors now valued the properties at 10,000*l.* there was good reason to believe that the anticipated surplus of 2,297*l.* would be realised. The unsecured liabilities were returned at 6,654*l.*, and it was hoped that sufficient would be realised from the assets to pay 20*s.* in the pound to the creditors and a substantial dividend to the shareholders. It had to be remembered that many of the company's customers were firms abroad, a large section being in India. A credit of three months was allowed in those cases, but in England it was endeavoured to restrict the credit to one month. It followed that the "good" book debts ought to be realised without much loss, but some of the customers were in the present circumstances shy in paying up. (Laughter.) Questioned by a creditor Mr. Percy Mason, the special manager, said the business was being carried on at a profit, after allowing for payment of the mortgagees' interest. The turnover was about 600*l.* a week; two or three people were negotiating for the purchase of the business as a going concern, and he confidently anticipated a favourable realisation. The Chairman, replying to another creditor, said the mortgagees had obtained judgment for the amount of their debt and were in a position to sell the property; there was, however, no unfriendliness on their part, and the negotiations for the sale of the business as a going concern would not be interrupted by them. Mr. Bartrum nominated Mr. Percy Mason for the post of liquidator. Mr. Stevens (W. J. Bush & Son, Ltd.) seconded the motion, which was carried unanimously. Mr. Thos. H. Bryant, Mr. Elliott (Honeywill Bros.), and Mr. J. H. Bishop Leggett (City Glass Bottle Co.) were selected to represent the creditors on the committee of inspection. The bond to be given by Mr. Percy Mason was recommended to be 10,000*l.*

At the meeting of shareholders Mr. Mason and Mr. Fredk. George Price (J. S. Price & Son), C.A., 13 New Broad Street, E.C., were respectively nominated for the post of liquidator. A vote was taken, and the Chairman reported that nine shareholders, representing 20,934 shares, had declared in favour of Mr. Mason, while seven shareholders, representing 5,045 shares, had voted for Mr. Price. The facts would be reported to the Registrar, by whom the appointment would be made in due course. Mr. F. C. Devon and Miss F. M. Price were added to the committee of inspection to watch the liquidation on behalf of the shareholders, and the proceedings terminated with a vote of thanks to the Chairman. The account with the contributories discloses a total deficiency of 39,638*l.* 7*s.* 9*d.*

Appended is a list of the principal unsecured creditors: Austin & Co., London, 24*l.* 11*s.* 9*d.*; Stafford Allen & Sons, London, 12*l.* 4*s.* 1*d.*; British Malt Products Co., London, 253*l.* 13*s.*; C. H. Bryant, London, 162*l.* 2*s.* 3*d.*; W. J. Bush & Co., Ltd., London, 118*l.* 18*s.* 10*d.*; H. Burt, London, 95*l.* 15*s.* 7*d.*; W. G. Barrett & Co., Dublin, 69*l.* 2*s.*; R. H. Barrett, London, 28*l.* 14*s.* 10*d.*; Fred. Boehm, London, 15*l.* 13*s.* 4*d.*; Barringer, Wallis & Manners, Ltd., Mansfield, 11*l.* 14*s.* 2*d.*; Bromley & Co., Ltd., Acton, 20*l.* 10*s.* 2*d.*; Britannia Folding Box Co., Ltd., London, 41*l.* 18*s.* 5*d.*; Butler & Crispe, London, 26*l.* 3*s.* 1*d.*; G. Burnay & Co., London, 18*l.* 18*s.* 8*d.*; Bale, Son & Danielsson, London, 23*l.* 4*s.* 9*d.*; Horace Brocklesby, Radlett, 41*l.* 8*s.* 11*d.*; Cresp Martineq, Grasse, 15*l.* 19*s.* 6*d.*; Charity & Sons, London, 32*l.* 5*s.*; F. Chevalier & Co., London, 25*l.* 2*s.* 1*d.*; A. H. Cox & Co., Ltd., Brighton, 28*l.* 13*s.* 7*d.*; Crosbie & Co., London, 24*l.* 15*s.* 10*d.*; W. J. Crook, London, 28*l.* 1*s.* 10*d.*; City Glass Bottle Co., Ltd., London, 240*l.* 1*s.* 10*d.*; Colonial and General Produce Co., London, 80*l.* 15*s.* 6*d.*; Caplisch Bros., Catania, 24*l.* 17*s.* 6*d.*; F. C. Devon & Co., London, 27*l.* 8*s.* 5*d.*; J. Denoual & Co., London, 10*l.* 8*s.* 11*d.*; French Flint Glass Bottle Co., London, 32*l.* 1*s.* 6*d.*; D. & W. Gibbs, Ltd., London, 11*l.* 2*s.* 9*d.*; Gill & Duffies, London, 32*l.* 1*s.* 6*d.*; Harrington Bros., London, 18*l.* 12*s.* 2*d.*; Howards & Sons, Ltd., London, 379*l.* 4*s.* 4*d.*, 4*l.* 2*s.* 7*d.*; Honeywill Bros., London, 535*l.* 8*s.* 3*d.*; Hull Oil Manufacturing Co., London, 11*l.* 11*s.* 3*d.*; Johnsen & Jorgensen, Ltd., London, 163*l.* 2*s.* 5*d.*; Thos. G. Joyce, West Bromwich, 165*l.*; G. King & Co., London, 25*l.* 8*s.* 4*d.*; A. Lloyd & Sons, Ltd., London, 18*l.* 14*s.* 8*d.*; Ludford & Co., London, 10*l.* 18*s.* 9*d.*; J. D. Link & Son, London, 13*l.* 6*s.*; René Leconte, London, 15*l.* 8*s.* 9*d.*; T. H. Lloyd & Co., Leicester, 16*l.* 8*s.* 1*d.*; Meyer & Weiller, Leghorn, 28*l.* 16*s.* 2*d.*; Hermann Mayer, Senr., London, 17*l.* 3*s.* 8*d.*; May, Roberts & Co., Ltd., London, 61*l.* 5*s.* 6*d.*; S. Maw, Son & Sons, London, 131*l.* 16*s.* 7*d.*; T. Morson & Sons, London, 10*l.* 5*s.*; Mottershead & Co., Manchester, 11*l.* 10*s.* 2*d.*; Potter & Clarke, Ltd., London, 43*l.* 15*s.* 1*d.*; Parr's Bank, Ltd., London, 434*l.* 5*s.* 7*d.*; Pinchin, Johnson & Co., Ltd., London, 24*l.* 2*s.* 2*d.*; W. Ransom & Sons, Hitchin, 153*l.* 2*s.* 5*d.*; H. Rubeck, London, 14*l.* 19*s.* 6*d.*; T. & H. Smith, Ltd., London, 80*l.* 16*s.* 1*d.*; W. Sutton & Co., London, 109*l.* 17*s.* 8*d.*; Stern-Sonneborn Oil Co., Ltd., London, 16*l.* 4*s.* 5*d.*; J. & E. Sturge, Ltd., Birmingham, 18*l.* 3*s.* 3*d.*; Shirley Bros., Ltd., London, 31*l.* 16*s.* 2*d.*; H. G. Sanders & Sons, Ltd., Southall, 22*l.* 1*s.* 3*d.*; Richard Smith, London, 175*l.*; Tyrer & Co., Ltd., Stratford, 75*l.* 14*s.*; Jas. Townsend & Sons, Exeter, 16*l.* 4*s.* 6*d.*; Vine Products Co., Ltd., Kingston, 44*l.* 6*s.*; White & Sons, London, 11*l.* 19*s.* 3*d.*; Wright, Kerr & Co., London, 152*l.* 0*s.* 5*d.*

Gazette.

Partnerships Dissolved.

Bennett, W. H., and Sutherland, D. P., Bromley Cross and Bolton, Lancs, medical practitioners, under the style of Bennett & Sutherland.

Brookes, L. A., and Hocking, F. A., Lisson Grove, London, N.W., chemists, under the style of Brookes & Hocking.

Butler, E. H., and Macdonald, D. B., Leicester, wholesale druggists and manufacturing chemists, under the style of E. H. Butler & Son.

Eccles, G. T., and Shelton, H. L., Hove, Sussex, general medical practitioners, under the style of Eccles & Shelton.

Sleeman, H. B., Shaul, D., and Blackstone, A. W., Leadenhall Street, London, E.C., export merchants, under the style of H. B. Sleeman & Co., so far as regards H. B. Sleeman.

The Bankruptcy Acts, 1883 and 1890.

Adjudications.

Slater, C. A., Sons & Co., 19 Oldhall Street, Liverpool, produce-brokers.

White, William Henry, Bradford, physician and surgeon.

Mr. James Wilson, Beach View, Spittal, Berwick-upon-Tweed, retired chemist, who died on March 5, left estate valued at 2,369*l.* gross, with net personalty 2,325*l.* 12*s.* 10*d.*

Mr. John Temlett Long, 97 Chesterfield Road, Bristol, retired pharmaceutical chemist, who died on April 2, left estate valued at 8,613*l.* 9*s.* 10*d.* gross, with net personalty 6,885*l.* 3*s.* 5*d.*

Births.

Collins.—At Corn Market, Pontefract, on May 5, the wife of Alfred Collins, pharmacist, of a daughter.

Hirst.—At Oaklea, Healey, Batley, on May 2, the wife of Frederick B. Hirst, Ph.C., of a son.

Martin.—At 18 Queen's Road, Beckenham, on May 10, the wife of James Henry Martin (Armour & Co., Ltd.), of a daughter.

Murphy.—At the Pharmacy, Mitchelstown, on May 7, the wife of William Murphy, Ph.C., of a daughter, who survived but a short time.

Marriages.

Morgan—Ashmore.—At St. Edburgh's Church, Bicester, by the Vicar, the Rev. W. O'Reilly, M.A., on May 5, Henry J. Morgan, chemist and druggist, Leicester, to Edith, eldest daughter of Mr. Charles Ashmore, Bicester.

Tompkins—Dalley.—At St. Michaels-Bowes Church, Bowes Park, London, N., on May 10, Martin James Tompkins, youngest son of Mr. James Tompkins, rubber manufacturer, City Road, London, E.C., to Vera May Pitman Dalley, of St. Helier's.

Deaths.

Cannizzaro.—At Rome, on May 10, Professor Stanislao Cannizzaro, aged eighty-four. This distinguished Italian chemist was a native of Palermo, and was from 1851 to 1871 Professor of Chemistry in Piedmont, Genoa, and Palermo; then in 1871 became Professor of Chemistry and Director of the Chemical Institute in Rome. In the history of chemical philosophy his name will be remembered for the part he took in placing the atomic theory on a firm and secure basis. It was he who showed in 1858 how it is possible to ascertain the atomic weights and their relations to the molecular weights by the aid of the specific heats of the elements and of the Avogadro hypothesis. The Chemical Society of London elected him an honorary fellow in 1862, and he delivered the second Faraday lecture in 1872. In 1871 the Royal Society awarded him the Copley Medal. Cannizzaro served his country well. During the revolutionary outbreak in 1848 he served as an officer of artillery at Messina. In Rome he was Vice-President of the Senate and a member of the Council of Public Instruction. He was honorary president of the International Congress of Applied Chemistry held in Rome four years ago.

Professor S. Cannizzaro.

Fraenkel.—Dr. Martin Fraenkel, who died in Berlin on May 6, was an active member of the German Apotheker Verein, and was the originator of the standing pharmaceutical exhibition in the "Vereinshaus." He was in his thirty-ninth year.

Grayson.—On April 27, Mr. Charles Grayson, chemist and druggist, Hartlepool, aged fifty-nine.

Holden.—At 146 Rochdale Road, Royton, Lancs, on May 4, Mr. Thomas Holden, chemist and druggist, aged seventy-eight.

Illsley.—At Abingdon-on-Thames, on May 3, Mr. Harry Illsley, son of Mr. T. B. Illsley, chemist and druggist, Barnard Castle, aged twenty-eight.

Jahn.—At Chy-Barnett, Gurnards Head, Cornwall, on May 11, Mr. Ernest A. Jahn, third son of Mr. Adolf Jahn, formerly of Canonbury, aged forty-one. Mr. Jahn was for many years with Messrs. Thomas Christy & Co., Old Swan Lane, London, E.C., latterly as a junior partner. He retired about two years ago owing to failing health. Mr. Jahn was well-known to many in the trade. He was a man of imposing presence and charming personality. He was well versed in all that pertains to the drug trade, was an expert photographer, and was one of the first amateurs to produce colour photographs in this country.

Floyd.—At the Chantry, Bury St. Edmunds, on May 8, Mr. James Floyd, chemist and druggist. Mr. Floyd played a notable part in the public life of the borough. He had been on the Town Council for thirty years, being elected Alderman in 1887. He occupied the mayoral chair in 1880, and in 1898 he served on many committees, being chairman of several, resigning the chairmanship of the Education Committee in March. He served on the Commission of the Peace for many years, and was one of the Guildhall Feoffment School Governors, and a prominent Wesleyan. He was in business first on the premises of the Town Hall, and later at 15 Cornhill. He was also a director of the local gas company. Mr. Floyd had been ill for some weeks past.

Mr. J. Floyd.

Rogerson.—At Knaresborough, on May 11, Mr. W. J. Rogerson, formerly a director of Messrs. Hearon, Squire & Francis, Ltd., Southwark, London, S.E. The immediate cause of death was rupture of a blood vessel in the stomach.

Williamson.—At Beechgrove, Knockbreda Park, Belfast, on May 6, Mr. Joseph Williamson, registered druggist. Mr. Williamson was in business at 167 Cromac Street, and had been ailing for a long time. He leaves a widow and three sons.

Bankruptcy Report.

Re Sidney Gross, formerly secretary of Scrubb & Co., Ltd., ammonia-manufacturers, and described as of 18 Hyde Park Place, W.—The order of adjudication in this case was made on December 18 last, and the bankrupt applied to Mr. Registrar Hope, sitting at the London Bankruptcy Court last week, for his discharge. Mr. G. W. Chapman, Official Receiver, reported that proofs of debt amounting to 3,554*l.* 3*s.* 4*d.* had been lodged and admitted. No assets were disclosed by the bankrupt, but 140*l.* was expected to be received in respect of the estate, in which event a dividend of 4*d.* or 5*d.* in the pound would be paid. In June 1907 the bankrupt attained his majority, and was appointed secretary of Scrubb & Co., of which his father was chairman and chief director. The failure was solely in respect to personal debts, and his Honour granted the order subject to suspension for two years.

Business Changes.

Notes for this section must not be in the nature of advertisements, and they should be authenticated when sent to the Editor.

Mr. W. J. Hosegood Clarke, chemist, of 47 Polsloe Road, Exeter, will shortly open a pharmacy at Mill Hill, N.W.

Mr. Arthur H. Messenger, chemist and druggist, Southport, has purchased the business of Mr. Robert McKie at 107 Sussex Road, Southport.

Messrs. Chuit, Naef & Co., of Geneva, announce that the style of the firm has been changed to Messrs. M. Naef & Co. Mr. Philip Chuit, D.Sc., has retired, but will act as chemical adviser, his place being taken by Mr. F. Firmenich, who has held power of attorney for many years.

Pharmaceutical Society of Ireland.

COUNCIL-MEETING.

THE Council met at 67 Lower Mount Street, Dublin, on Wednesday, May 4, at 3 P.M. Mr. John Smith (President) was in the chair, and the other members of the Council present were Sir William J. Baxter, J.P. (Vice-President), Mr. G. D. Beggs, J.P. (Hon. Treasurer), Messrs. W. F. Wells, D. M. Watson, W. J. Hardy, J. H. Bowden, John Burnett, Wm. Doig, Richard Blair, Thomas Batt, P. V. White, J.P., Wm. Jamison, H. V. Goldon, James Michie, J. A. Walsh, L.R.C.P. & S.E., M. R. Whitla, J.P., L.R.C.P. & S.I., and C. J. Blair Dunlop, L.R.C.P. & S.I.

A New Member.

Before proceeding with the business of the meeting the President said he had much pleasure in welcoming to the deliberations of the Council a new member, Mr. John Burnett, of Kingstown, who had been unanimously co-opted at the last meeting of the Council in place of Mr. Fairweather. He was sure the gentlemen present would join with him in welcoming Mr. Burnett as a member of the Council. (Applause.)

Mr. Burnett returned thanks to the Council for the very great honour they had done him, and he also thanked the President for his kind remarks. He deemed it a very high honour to have been co-opted in place of Mr. Fairweather. When first approached on the subject he felt inclined to decline the honour, believing that there were members of the Society who were much better fitted for the position than he was, and who could probably devote more time to the duties. However, on being informed that it was not at all times an easy matter to get suitable men, and that the duties were not excessively heavy, he thought it would be bad taste on his part to refuse to do what little he could for the interests of the Society. He again returned his sincere thanks to the Council. (Applause.)

Miscellaneous Business.

A letter was received from the Hon. Secretaries of the British Pharmaceutical Conference, inviting delegates to the meeting at Cambridge on July 25. The following gentlemen were appointed : Messrs. John Smith (the President), W. F. Wells, G. D. Beggs, D. M. Watson, and H. V. Goldon.

Messrs. William Cooper and James Rowland, who submitted Matriculation certificates of the Royal University of Ireland, and Messrs. Darling Cox and Patrick Joseph Rooney, who submitted Intermediate Board certificates, were admitted to Preliminary registration.

A certificate of the death of Mr. John Kissane, M.P.S.I., late of Main Street, co. Tipperary, was received.

Reports were received from the Examiners, upon the Preliminary, Pharmaceutical Licence, Pharmaceutical Assistant, and Registered Druggist examinations. Reports from the Law Committee and the House Committee were also received and adopted.

An Examiner Complimented.

Mr. Arthur T. Ferrall (Registrar) read the following resolution, which had been passed at the last meeting of the Board of the Pharmaceutical Licence Examiners in reference to their late colleague, Mr. George Brown, M.P.S.I., and which the Board forwarded to the Council :

"Proposed by Dr. Allsom, seconded by Dr. Bronte :

"'Resolved : That we, the examiners for the Pharmaceutical Licence, express our very great regret that we have to lose Mr. Brown as fellow-examiner, owing to expiry of his term. We hold him in the highest possible esteem as a colleague, and admire his worth as an examiner, whose example we all aspire to emulate.'

"Signed on behalf of the Examiners for Pharmaceutical Licence. "E. Whitley Allsom.

"April 15, 1910."

The resolution was noted.

Donation to the Society.

A vote of thanks was passed for a donation from the Medical and Pharmacy Council of Orange River Colony of a copy of the Medical and Pharmacy Register of January 1, 1910.

Membership.

On the motion of Dr. Walsh, seconded by Mr. Beggs, Mr. Joseph Kilpatrick, Ph.C., The Diamond, Londonderry, was admitted to membership.

Election of an Examiner.

Mr. W. Vincent Johnston, M.P.S.I., 9 Ranelagh, Dublin, was elected an examiner for the Pharmacy division of the Pharmaceutical Licence examination.

Death of King Edward VII.

The following telegram was forwarded from the Society :

To the Private Secretary, Buckingham Palace.

The President, on behalf of the Pharmaceutical Society of Ireland, begs to express deep sorrow at the loss of the beloved King, and desires to offer to her Most Gracious Majesty Queen Alexandra and the Royal Family respectful sympathy.

The President of the Society has received the following telegram of acknowledgment :

To the President, Pharmaceutical Society of Ireland, Dublin.

Queen Alexandra sends her sincere thanks for your kind sympathy in her bereavement.

Trade Notes.

The Funeral of Edward VII.—May 20 will be observed as a public holiday, and we have received an intimation that Messrs. Allen & Hanburys, Ltd., will close their factory at Bethnal Green on that day. Urgent orders will be executed at their City and West-end pharmacies.

Armour's Junket Powder.—This engraving reproduces in reduced facsimile, but without the colour, a striking show-card which Messrs. Armour & Co., Ltd., Atlantic House, Holborn Viaduct, London, E.C., are giving to retailers of their junket powder. Dark green tones prevail on the card, which measures 15 in. by 8 in. The junket powder is a good selling line, and will be greatly in demand soon, when warm days dictate cooling and easily digestible dishes for meals. Copies of the card can be obtained from the above address on application.

Ucal Exhibition.—A year ago was founded the United Chemists' Association, Ltd., the object of which is to manufacture and sell special articles for sale solely by pharmacists. This week it is obvious that the Association is in full working order, which we judge from the interesting exhibition of the Association's products held at the Caxton Hall, Westminster, on May 10 and 11. At the time of our visit the directors in attendance were booking orders or explaining the various products to prospective purchasers. On a large stand in the centre of the room is arranged in pyramidal form a large variety of put-up articles for chemists' sale. The words "Ucal," "Ucalia," "Tucalia," or the letters "U.C.," occur on most of the products as showing their origin. Here one sees corn remedies (solvent, silk, and shields), embrocation, nerve tonic, Dr. Foster's cooling powders, lavender-water, malt-extract, nursury pomade (free from veratrine), whooping-cough mixture, salucal powders, Pectar pastilles, water-glass, gripe-water, hair tonic, cherry-tonic pills, backache pills, blood-mixture, bronchial lozenges, Brompton stomach pills, laxative syrup, emulsions, brilliantine, tooth-powders, ointments, effervescing preparations, etc., the packages being as varied as the range of the articles. The Association also sells bulk pills, tablets, capsules, and have special lines in drugs and druggists' sundries. We noted such things as tooth-brushes, teats, cotton-wool, soap, bottles and fly-catchers. Arrangements are made so that methylated spirit

can be supplied at a reduction by giving a combined order. Showcards, folders, and other advertising matter were also on show. The scheme seems to have tapped an immense reservoir of enthusiasm. The works are at Sheffield, but the directors are contemplating the establishment of a London laboratory.

Freeman's Chlorodyne, Ltd., 70 Kennington Park Road, London, S.E., have ready for distribution to the trade a new cut-out easel showcard, printed in colours, so that it can be placed on the counter showcase. As may be judged from the reproduction of it which we give here in monotone, the design is effective, and the colours add to the attractiveness of the card. Our subscribers should write to the company for copies.

Photographic Apparatus Catalogue.—Messrs. Reynolds & Branson, Ltd., 14 Commercial Street, Leeds, are issuing a new price-list of photographic apparatus, materials, and pure chemicals. It extends to 104 octavo pages, and is well illustrated. It comprises not only the articles usually required by amateur and professional photographers, but the special kinds of apparatus which Messrs. Reynolds & Branson have from time to time designed to meet the requirements of medical and scientific men who employ photography for demonstration or recording-purposes. The catalogue is an object-lesson of the potentialities of such a side-line as photography when handled with commercial and technical skill by pharmacists. It is not so many years ago when Messrs. Reynolds & Branson were beginners in this business, but they have developed it so well that they are able to supply retailers on good terms and assist them in special requirements. A copy of the price-list can be obtained from them on application.

Personalities.

Notes for this section must not be in the nature of advertisements, and they should be authenticated when sent to the Editor.

Mr. R. Feaver Clarke (Gravesend) has been elected President of the North Kent Pharmacists' Association.

Mr. Joseph Albright, retired chemist, Lancaster, is one of the few Lancastrians who have lived in the reigns of six British Sovereigns. He was four years of age when George III. died, and is now in his ninety-fifth year.

Mrs. Ann Lewis, of Windsor Place, Cardiff, mother-in-law of Mr. Jesse Williams, chemist, who has passed her eighty-second year, has lived in five reigns, and well recollects the nation going into mourning in 1837 on the death of Wiliam IV.

Mr. George Senter, Ph.C., Ph.D., of Sir John Cass's Institute, has obtained the D.Sc. in Chemistry from the London University for a thesis entitled "Reactivity of the Halogens in Organic Compounds," and other papers. He was Bell Scholar at the School of Pharmacy in 1895.

Mr. H. B. Morgan, Ph.C., who for the past seven years has been in charge of the laboratories and dispensary at the hospital of the Church Missionary Society, Hangchow, China, is now in Europe on furlough. He expects to reach England soon, and "42 Myers Road West, Crosby, Liverpool," will find him.

Mr. Martin Rushton, the newly elected President of the Pharmaceutical Society of Tasmania, was apprenticed in London to Mr. Sangster, and afterwards was an assistant with Messrs. Reynolds & Branson, Leeds. He then studied at Muter's South London College of Pharmacy, and passed the Minor in 1886. Next he was with Messrs. Corbyn, Stacey & Co. in the Poultry, London, E.C., and afterwards emigrated to Tasmania. He carries on business in Hobart in partnership with Mr. W. G. Burton. He is a member of the newly constituted Board of Pharmacy.

Mr. Richard Lord Gifford, pharmaceutical chemist, Blackburn, has been appointed a Justice of the Peace for the borough. Mr. Gifford is a native of Blackburn. His father was spinning master at Messrs. Whiteley's mill at Livesey for many years. Mr. Gifford served his apprenticeship with Mr. T. Critchley, J.P., Blackburn, and passed the Major examination in February, 1881. Two years later he purchased the old-established business of Mr. Thomas Pickup, Blackburn. He was elected a member of the Pharmaceutical Council in 1901. He is a Liberal in politics, and Mrs. Lord Gifford is an active member of the Women's National Liberal Federation. Mr. Gifford is a member of the local Tradesmen's Association, and on Monday evening the Executive Committee of that body unanimously passed a resolution expressing hearty congratulations to Mr. Gifford on his appointment as a Justice of the Peace, and recording its appreciation and recognition of his valuable services to the borough.

Postal Address:
C & D. INFORMATION DEPARTMENT 42 Cannon Street, London, E.C.
Telegraphic Address: "CHEMICUS LONDON."
Telephone No.: BANK 852 (two lines).

The object of this Department is to supply names and addresses of Manufacturers of, or Agents for, goods pertaining to the Chemical, Drug and Allied Trades. The "Buyers' Guide" in each issue of "The Chemist and Druggist" affords much information, but inquiries for anything not referred to therein may be addressed to this Department. Replies will be furnished immediately, or inserted in this section free of charge.

INFORMATION WANTED.

We would be obliged if any reader would reply by postcard or telephone to one or other of the subjoined inquiries.

166/9. "Hypo-Nuclein tablets": makers or supply.
163/57. "Float-all" water-wings: makers or supply.
165/52. Actual makers of wooden insect-powder bellows.
162/16. "Paramola," a new aperient: who makes or supplies?
164/9. Agents in this country for "Lotos" improved sticking-plaster.
165/66. Makers or suppliers of "Vetarzo Blood Medicine," and of "Sedrop" Pocket Cigar-lighters, with bottles of alcohol complete.

INFORMATION SUPPLIED.

During the past week we have answered inquiries regarding the following articles. The information will be repeated to any other inquirers who send to the Department a stamped and addressed envelope for the purpose

"Arheol," makers and agents (166/3).
California syrup of figs, agents (164/67).
Castor-oil beans, importers and brokers (159/44).
"Creosalgen," makers (159/43).
De Courcy's tooth-nerve destroyer, proprietor (161/71).
Glass jars with screw caps, makers (163/60).
Harris's cyanide packages, makers (166/9).
"Kolax," makers (160/61).
Label printers (special) (163/63).
Major's soft soaps, address of makers (164/49).
"May-A-tone," makers (166/5).
Papier - mâché bottles, makers (160/70).
"Paramol," makers (159/41).
"Pine Tree" brand toilet-paper, makers (166/6).
Prosser's soap-stand, particulars (164/49).
Seguin's specialities, makers and agents (165/66).
Smedley's chillie paste, proprietors (165/66).
Soda crystals, uniform size (for bath salts), makers (163/63).
Sodium arseniate, makers (162/14).
Sozoiodol of mercury, supplies (166/8).
Suceus Solazzi, wholesale supply (164/40).
Sulpho-Lythin, makers (164/2).
Sulphourea, makers (164/6).
Tape printed for advertising purposes, supply (163/61).
"Thelma," trade-mark (160/61).
"Thermolite," makers (163/25).
"Thermophor," makers (163/25).
Thiourea, makers (164/6).
Wholesale house in Trinidad (166/8).
"Wilkinson's Sarsaparilla," proprietors (160/24).

APPRECIATION.

"I greatly appreciate your kind and prompt attention" (155/57).
"I very much appreciate the trouble you have taken in reference to 'Spirocin,' the details of which I have sent to the doctor" (155/66).

Observations and Reflections.

By Xrayser II.

The Epsom (Salts) Stakes"

is a peculiarly happy title for he spirited drawing which appeared in last week's *C. & D.* do not propose to play the sporting prophet with regard the contest it illustrates; my text lies rather in the word brackets, which reminds me of the time when to visit psom meant to go there for the "waters," as Mistress orothy Osborne, in one of her delightful letters to her servant" Temple (afterwards Sir William Temple), eaks of doing in 1653. She appears to have been there e year before with the "spleen," though it may possibly ve been at Barnet, where also there was a spring in those ys, or at Tunbridge Wells; but Epsom was then the most shionable resort of the three. Its spring was the first the kind discovered in England, and it was of European putation. In 1609, in consequence perhaps of the disvery three years before of the spring at Tunbridge, a ll-room was built, avenues of trees were planted, gardens ere laid out, and Judge Parry says that even Bath did not rpass Epsom in the splendour of its appointments. But ere is more

lphate of Magnesia in the Sea

than ever there was at psom, and the discovery of this fact was the death-blow the Surrey spa. Salts gave place to sporting. It was 1695 that Drew first extracted sulphate of magnesia from e Epsom spring, and in the beginning of the following ntury magnesia itself (or white magnesia, as it was at st called, to distinguish it from magnesia nigra, or black ide of manganese) was prepared by precipitating a solun of Epsom salts with one of potash. Alleyne does not lude magnesia in his Dispensatory of 1733, but it peared in an early edition of the Edinburgh Pharmaœia, and was prescribed by Dr. Hayes for the poet ay in 1755, along with sal. absinth., succ. limon., aq. xit. simp., and tinct. guaiaci. This prescription was rheumatism. Aqua alexiteria, by the way, was disted from the green leaves of spearmint, the fresh tops of wormwood, and the fresh leaves of angelica. It will be n that the word magnesia, as now used, has come a long y round; it was given to manganese because of the resemnce of that metal to the magnet.

e Story of the Physicians of Myddfai,'

to which reference s made recently in these columns, is one of the most ntic chapters in the whole history of medicine. It ins in a charming fairy tale. Rhiwallon, the legendary nder of the line, who lived in the time of Rhys Grug, of Rhys ap Gruffudd (that is to say, early in the thirth century), was the son of Gwyn, a small farmer not from Llyn y Fan Fach, a lake in a hollow of the Black ntain in Caermarthenshire. Wandering one day, while a youth, upon the shore of the lake, Gwyn was startled he appearance of a beautiful lady, with whom he immeely fell in love. He offered her the barley bread he was ng, but this she refused, as she also did some unbaked gh which, at his mother's suggestion, he offered her at a nd meeting. But at a third appearance she accepted t of half-baked bread, and promised to become his wife, ning him that should he strike her three times without e she must leave him for ever. They were married,

The Fairy Bride

brought her husband much wealth in fairy cattle; but, alas! his fate prescribed that, without fault of his, the three causeless blows should be given her, and she and her oxen vanished away as she had forewarned him. Poor Gwyn in despair threw himself into the lake after them, and was drowned. But to his three sons, the eldest of whom was Rhiwallon, their fairy mother, whose name was Nelferch, appeared a few days afterwards. She comforted them in their grief, and told them it was their mission on earth to relieve the pains and heal the diseases of mankind. She then took them to a place still known as Pant y Meddygon (The Physicians' Dingle), where she showed them the virtues of the plants and herbs growing there, and taught them the art of healing. Needless to say they soon became the most famous physicians in the land, a fame their descendants enjoyed for many generations. Their last lineal descendant, John Jones of Myddfai, left behind him a book of medical recipes alleged to have been compiled by Howel, the physician, who claimed descent from Einion, the third son of Rhiwallon. There is a translation of this book in the British Museum from a transcript made by William Bona in 1743, and a very curious book it is, containing, in addition to the recipes, much quaint old lore connected with mediæval medical practice. The last collateral descendant of the family is said to have been Rice Williams, M.D., who died at Aberystwith, May 16, 1842, aged eighty-five.

The British Pharmacist

is the latest target for comparisons between British and German, if one may judge from a somewhat unflattering contrast formulated of his attitude to the patent-medicine question, reproduced in a London letter to the "Berliner Klinische Wochenschrift," one of Germany's leading medical journals. The writer alludes to the fact that Free Trade exists in British pharmacy, and every qualified chemist is at liberty to open a business, and sell toilet-articles, drugs, patent remedies, specialities, as well as dispensing prescriptions. A pharmacist of this kind has only in the rarest cases enjoyed a university training. On the other hand, medical practitioners are permitted to dispense their medicines themselves, and the British pharmacist, who already finds it difficult enough to fight against the competition of his colleagues, has to bear the effects of this form of competition. The pharmacist "revenges" himself by feeling the pulse of his clients, looking at their tongue, and then sells them a bottle of medicine, telling them to call again. The writer (who states that he has thoroughly studied the question) says that he is certain the pharmacists would give up "playing at being doctor" were the physicians to waive their right of dispensing. The demand for secret remedies, etc., often places the pharmacist in an embarrassing position, as he is well aware that many of these preparations are neither innocuous, useful, nor rational. He knows, however, that if he fails to supply his clients according to their wishes they will go to a competitor, and the struggle for existence decides his course of action. Some, it is true, exhibit on the counter the book "Secret Remedies," and occasionally the effect is heightened by a few apparently chance observations. The "cute" pharmacist knows that by these means he is acting in his own interests, for if he succeeds in dissuading a client from purchasing a speciality the customer will most probably accept a preparation made up by the chemist, who in this case will derive a larger profit than would result from the sale of a proprietary article. One wonders where the London letter-writer picks up his information. His statement does not seem to me to represent a general state of things. How many chemists stock "Secret Remedies"?

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April Trade.

THE Board of Trade Returns for April are the most satisfactory of any so far issued this year, even allowing for the fact that last month contained two more working days than April 1909. The imports were valued at 59,555,459*l.*, an increase of 10,381,697*l.*, or 21 per cent.; and the exports amounted to 35,292,215*l.*, an increase of 6,333,757*l.*, or 21.9 per cent. For the four months the total increase in imports now stands at 19,602,186*l.*, and in exports the increase is 18,488,129*l.* The features of the April imports included an increase of 9,407,939*l.* in raw materials, of which 2,179,162*l.* was cotton, the price of which rose greatly out of proportion to the slight increase in the quantity imported. Oil-seeds, nuts, oils, fats, and gums rose by 1,150,588*l.*, and a notable increase of 4,082,383*l.* occurred in miscellaneous raw materials. It is not surprising to note that this increase was due to rubber, which shows considerably more in quantity (59,900 cwt.), but the increase in values is enormous, being 3,823,503*l.* The April imports of rubber were valued at 4,973,518*l.*, and for the four months the value of 338,427 cwt. imported was 10,713,241*l.* Manufactured products imported show a gain of 1,484,378*l.* included among which is 79,193*l.* more for chemicals, drugs, etc., this item standing at 980,222*l.* On the other hand food purchases declined by 511,682*l.* On the export side there is a gain of 5,098,660*l.* in manufactured goods, which is spread over all the seventeen items in the schedule with the exception of new ships. Chemicals, drugs, dyes and colours show the satisfactory increase of 219,384*l.*, and the total for the four months is 1,651,916*l.* Yarns and textile fabrics yielded practically two millions sterling more, and there were also appreciable increases in silk and other materials. Leather goods, apparel, electrical plant, and machinery also show substantial gains, thus pointing to an all-round improvement in manufacturing industries. The above-mentioned increase in chemicals applies to the bulk of the items enumerated. The figures relating to the exports of medicines are particularly gratifying, being 164,814*l.* for the month, as compared with 132,281*l.* for April 1909, while our exports for the four months are 580,677*l.* Less quinine, by almost 15,000 oz., was exported in April, but the four months' figures indicate a gain of 71,400 oz., the total being 419,955 oz. As showing how erratic the imports of quinine have been during the past three years, we give the following details:

	1908	1909	1910
	oz.	oz.	oz.
April	31,190	142,468	311,566
January-April ...	346,744	682,705	1,169,240

The imports so far this year are remarkable. Heavy chemicals have also done well this year.

King Edward the Seventh.

WHITEHALL, May 7, 1910.

ON Friday night, the sixth of May instant, at a quarter to twelve o'clock, our late Most Gracious Sovereign King Edward the Seventh expired at Buckingham Palace in the sixty-ninth year of His age, and the tenth of His Reign. This event has caused one universal feeling of regret and sorrow to His late Majesty's faithful and attached subjects, to whom He was endeared by the deep interest in their welfare which He invariably manifested, as well as by the eminent and impressive virtues which illustrated and adorned His character.—*London Gazette (Extraordinary).*

THE world laments the death of a man whose influence for international amity had been felt by the peoples of all nations. We British people mourn the loss of a King who had not completed a decade of sovereignty, yet whose rule was so essentially British that we had for t the feeling of immutability which we have for the established institutes of the realm. Like other men, Edward VII. was physiologically subject o the vagaries of our insular climate, and to he most common of ur maladies — bronhitis—he succumbed ast Friday night. No ommunity of his deoted subjects were ore conscious of the ossibilities of his last lness than were hemists and druggists, who knew from usiness experience at the ailment which as bereft us of a King no respecter of perons and makes thounds of British houseolds desolate year by ar.

It seems but yesterty that THE CHEMIST D DRUGGIST of nuary 26, 1901, rerded on the occasion the death of Queen ctoria some of the atures of her reign hich brought her in ect touch with our ft. It was her friendp with William len that secured for Pharmaceutical Society a Royal Charter while was still in the "Association" stage of its existence. relation so direct existed between her son, King ward, and our calling, but it is an integral part of the dical profession, and from this standpoint we recognise t his paramount effort for the well-being of his people art from matters of State) was exhibited in his Hospital Fund, an institution founded by him and identified with all that is best for the care of the sick and the solace of the incurable. It is the privilege only of the Sovereign of a nation to be directly and indirectly identified with every public interest of a people, and of all professions and callings there was none with which King Edward's name was more closely linked than the profession of medicine. He accepted the Fellowship of the Royal College of Physicians of London, and was the patron of the more important modern movements for the subjugation of disease, including cancer research and the new treatment of tuberculosis. Such interests were the natural expressions of a large-hearted man rather than the attributes of a king, but Edward the Seventh made them part of the duties of the Throne, and so influenced the spirit of the whole nation.

His Majesty King Edward VII. in full Coronation Robes.

From the Painting by S. Begg, reproduced by permission of the "Illustrated London News."

In the first number of THE CHEMIST AND DRUGGIST a few lines of the month's record mentioned that the Prince of Wales on September 7, 1859, was present at the chemistry class of the Edinburgh University when Professor Lyon Playfair lectured on "Chemical Light." This was one of the course which the future King attended in Edinburgh as part of the education which his father had designed for him; that education also included lectures by Michael Faraday at the Royal Institution in Albemarle Street. Nearly half a century later he inaugurated in the latter one of the most notable outcomes of modern science — the Davy - Faraday Research Laboratory. In other directions he showed interest in science, and one of the earliest acts of his too short reign was to be found an Order of Merit in which men of science are included.

These are some examples of the influence for good which our lamented King exerted in directions with which pharmaceutical practice and science are kin. We do not venture into those matters of State in which he was a world's exemplar. His eminent sanity—that attribute by which

business ability, commonsense, and rare tact made friends among individuals and allies of nations—earned for him the name "Edward the Peacemaker of the World." As that he will be known in History, and men of generations to come will appreciate as highly as we do the value of his pacific services at a time when this and other nations have in an unprecedented manner poured out treasure in equipment for war. A more popular King we have never had; he was beloved by all, and by none more than the poorer classes. His son, King George the Fifth, comes to rule the Empire with personal knowledge of every part of it such as none of his predecessors have had. That ability for governing men which is a characteristic of the English public-school boy, and is at its highest in British Sovereigns, he is known to possess in full measure; he has been trained by his father in those principles of statecraft which are the attribute of the Royal House; he has by personal contact identified himself with those affairs of the nation in which citizens take part, and he knows the people, their aims and industries, well. For him we anticipate as great affection and loyalty as have been given to his father, and continued prosperity throughout the Empire.

Census of Production.

The Drug and Chemical Trades.

Mr. Lloyd George's presidency of the Board of Trade was made specially notable for two statutes—one which enforces the working of British patents in this country; the other, the Census of Production Act, the objects of which have never been quite clearly understood, but which will eventually furnish statistics for comparing internal manufacturing production with imports of similar goods. In two preliminary reports tables have been given for ten of the greatest industries in the country, and a third now issued deals with twenty-two more trades, of which those mentioned in the following table are of interest to our readers:

—	Gross Output, Selling Value or Value of Work Done 1	Materials Used. Cost 2	Work Given Out, Amount Paid to Other Firms 3	Net Output, Excess of Column 1 over Columns 2 and 3 4	Persons Employed (except Total 5	Net Output per Person Employed (excluding Outworkers) 6
	£ (000's)	£ (000's)	£	£ (000's)		£
Elastic-webbing factories	848	547	18,000	283	4,292	66
Chemicals, coal-tar products, drugs, and perfumery factories and workshops ...	23,447	13,974	9,000	9,464	51,088	185
Paint, colour, and varnish factories ...	8,380	5,711	—	2,669	13,476	198
Soap and candle factories...	11,723	8,925	—	2,798	17,889	156
Oil factories (other than seed-crushing)	6,072	5,060	—	1,012	5,276	192
Fertiliser, glue, sheep-dip, and disinfectant factories and workshops...	5,690	3,756	—	1,934	12,028	161
Ink, gum, and sealing-wax factories ...	799	382	—	417	1,310	318

In previous reports the Census Office has been able to state with approximate exactitude how much of the products is consumed at home and how much is exported, but there is so much duplication in the chemical and drug industries that such comparison is impossible in this case. For example, essential oils are distilled and returned as such; they go sooner or later to the perfume-maker and the soap-manufacturer, and again figure in these. The report is therefore somewhat unsatisfactory from this point of view, and for the present we must take it for the information which it actually gives. The following is a statement of the chief classes of chemicals and allied products which fall under Class 22:

		Quantity	Value £
Acids—			
Acetic	tons	6,000	94,000
Hydrochloric	,,	197,000	240,000
Nitric	,,	6,000	94,000
Sulphuric	,,	473,000	855,000
Aluminous sulphates (including alum)	,,	72,000	213,000
Arsenic and its oxides	,,	2,000	55,000
Bleaching materials—			
Bleaching-powder	,,	109,000	444,000
Other sorts	,,	15,000	76,000
Boiler composition and disincrustants		—	55,000
Borax	,,	14,000	205,000
Brewers' finings		—	69,000
Chemicals not otherwise enumerated		—	2,770,000
Coal-tar dyes	cwts.	139,000	373,000
Coal-tar products (except dyes) ...		—	1,987,000
Compressed gases		—	106,000
Druggists' sundries		—	128,000
Drugs and galenical preparations ...		—	2,461,000
Dye-woods and tanning materials, ground or prepared		—	98,000
Essential oils	lbs.	461,000	91,000
Extracts for tanners, printers, and dyers		—	316,000
Fine and pharmaceutical chemicals (including alkaloids, chloroform, ether, etc.)		—	1,613,000
Finishing materials for textile trades		—	323,000
Mordants (other than aluminous sulphates)		—	34,000
Patent medicines		—	1,285,000
Perfumed spirits	gals.	110,000	302,000
Perfumery and toilet preparations (except perfumed spirits and toilet soap)		—	502,000
Photographic materials (plates, paper, and films)		—	581,000
Prepared foods for infants and invalids		—	571,000
Soda compounds (except chromates, cyanides, borax, and salt)... ...	tons	682,000	3,315,000
Sulphur...	,,	31,000	148,000
Wood-distillation products (except acetic acid and mordants) ...		—	46,000
Other products...		—	674,000

The total value of these goods amounts to 20,121,000*l.* In addition to the output stated above, certain products were also made by manufacturers who made their returns on schedules for other trades, and the following statement shows the value of the amounts so returned:

	Value £
Fine and pharmaceutical chemicals	11,000
Drugs and galenical preparations	11,000
Chemicals not otherwise enumerated	141,000
Coal-tar products (except dyes)	467,000
Soda compounds	25,000
Finishing materials for textile trades	18,000
Perfumery and toilet preparations	99,000
Boiler composition and disincrustants	10,000

The products in the following statement were also made in chemical-works. This statement, however, represents only a partial account of the output of such products inasmuch as they are produced by firms which have made their returns to the Census Office on schedules for other trades:

		Quantity	Value £
Copper—			
Unwrought		—	1,326,000
Sulphate of	tons	26,000	593,000
Purple iron ore...		—	315,000
Mineral residues containing gold, silver, etc.		—	62,000

	Quantity	Value
		£
Pyrites, burnt	—	13,000
Ammonia, sulphate of	tons 26,000	300,000
Manures, other than sulphate of ammonia	—	205,000
Soap—		
Toilet	cwts. 30,000	125,000
Other sorts	,, 81,000	61,000
Disinfectants, insecticides, weed-killers, and sheep and cattle dressings	—	136,000
Culinary preparations and grocers' sundries	—	98,000
Oils, soluble and other, for textile and other trades	—	33,000
Ammoniacal liquor	—	31,000

Here we have a total value of 23,447,000*l.*, of which England produced 21,625,000*l.*, Scotland 1,704,000*l.*, and Ireland 118,000*l.* It was intended, when the census was commenced, to prepare schedules with the items strictly comparable with the Board of Trade returns for exports and imports. The Census Office consulted The Chemist and Druggist in the first instance, and among others Mr. F. Hanbury, Mr. Chas. A. Hill, and Mr. John C. Umney, with the result that schedules were prepared that formed a fair working-basis rather than a representation of departments satisfactory to industrial advisers. It follows, therefore, that the home-production figures are not strictly comparable with the Board of Trade returns. We propose, nevertheless, to examine them more closely. The values of home-produced chemicals, etc., are, it must be borne in mind, the cost prices given by the manufacturers; export prices are generally higher. In 1907 we see that the output was 23,447,000*l.*, the exports for the same period were valued at [illegible],000,000*l.*, the imports of foreign products 11,629,000*l.*, and the re-exports of the last, 1,715,000*l.* These figures indicate that we consume only one-fourth of the chemicals we make and export three-fourths, and use more foreign than British chemicals—which is erroneous, and, as stated, the report warns against comparisons. Let us take now the drugs and medicine items in the report. In 1907 we exported of such goods home-made to the value of 1,735,000*l.*, and our imports were valued at 1,215,000*l.* In the same year the home production of four items (drugs and galenicals, essential oils, fine chemicals, and patent medicines) was valued at 5,452,000*l.* Some other items, valued at a million or two, could be added, but as the figures stand we have :

	£
Home produced medicines	5,452,000
Imported medicines	1,215,000
	6,667,000
Exported (home and foreign)	1,861,000
Net home consumption	4,806,000

From the tables it will be observed that the proportion of "patent medicines" produced is less than a fourth of the total, viz. 1,285,000*l.* worth in the manufacturers' hands. The contrast with the United States is remarkable. There, in 1905, medicines produced were valued at 6,400,000*l.* and patent medicines at 15,000,000*l.*—say, 1 of non-patent medicines to 2⅓ of patents; while with us the proportions are 3 of non-patent to 1 of patent. The medicine-stamps sold during 1907 may be taken as a check on the census figures : they were 330,000*l.*, representing a retail value of 2,310,000*l.* at the rate of 10½*d.* for 1*s.* 1½*d.* articles, the total including imported dutiable medicines of which no statistics are available. It is apparent, nevertheless, that in this department of business, as well as in others, we are principally dependent upon home manufactures. We hope to return to some other features of the census, for manufacturers' expenses in advertising, etc., for stamp duties, and for exports. The question is sometimes asked, What is the object in taking this census of production? The reasons given for it in the first instance were academic, but as the results are published it becomes more and more apparent that they will constitute an answer to another question : How will Tariff Reform affect my business? The census will show exactly what we use and where we get it.

Pharmaceutical Council Election.

The voting papers were issued on Saturday, May 7. The candidates are given therein as follows, those whose names are asterisked being the retiring members of Council :

1. Bilson, Frederic Eastall, 1 Lansdowne Crescent, Bournemouth.
2. *Currie, William Little, 223 Byres Road, Glasgow.
3. Dowty, Joseph Masters, Melrose Villa, Grosvenor Street, Cheltenham.
4. *Gibson, William Humphrey, 122 King's Road, Brighton.
5. *Gifford, Richard Lord, Blackburn.
6. *Hagon, Albert, 5 Bute Street, Cardiff.
7. *Newsholme, G. T. Wilkinson, 27 High Street, Sheffield.
8. Ridley, Thomas, 9 English Street, Carlisle.
9. *Rowsell, Philip Foale, 74 High Street, Exeter.
10. Sargeant, Frederick Pilkington, Ousethorpe, Clarendon Road, Leeds.
11. Symes, Charles, 14 Hardman Street, Liverpool.
12. Waldron, James Joseph, 427 Mill Street, Liverpool.
13. *White, Edmund, 16 Cross Street, Hatton Garden, London, E.C.

In printing the cartoon of the Epsom (Salts) Stakes we invited *C. & D.* readers to say which six of the candidates will be numbered among the "also ran." The votes given up to Wednesday morning enable us to judge which are the most popular candidates (in the opinion of the voters), for the more often candidates are named on the postcards the further are they from the winning-post. On this basis the running is as depicted in the sketch given below as a tailpiece.

The first horse is ridden by Gifford, and is closely followed by Currie (since the sketch was put in the engraver's hands this mount has drawn level with the first). Gibson and Newsholme are running neck-and-neck for the third place, and Hagon follows not far behind, closely followed by White in the sixth place. A gap separates him from Symes, who is running strong for the seventh place, but at the time of writing Rowsell is drawing away from the "also rans," and is a bit ahead of Dowty. The nose of Sargeant's horse is in advance of Waldron's, and Bilson and Ridley are struggling manfully to avoid being last of the bunch, the advantage at present being with the Cumberland mount.

This race of ours will close on May 13, which means that all postcards bearing postmarks of May 12 will count for the prizes which we offered last week. What voters should do now is to vote for their favourites, by adjusting their voting papers and sending to Mr. Bremridge (the Secretary) so that he may receive them not later than Wednesday, May 18. Our awards will be announced in the *C. & D.* for May 28.

Race for the Epsom (Salts) Stakes.

Chemical Society.

A MEETING was held at Burlington House, W., on Thursday, May 4, Professor H. B. Dixon, F.R.S., presiding. It was announced that the Council propose to present a congratulatory address to Professor Körner on the occasion of the celebration of his seventieth birthday on May 15. The first paper read was on

THE CORRELATION OF ROCK AND RIVER-WATER ANALYSES,

by Mr. H. S. Shelton, who complained at the annual meeting that his communication on the subject in the "Chemical News" had not been referred to in the Society's journal. He now said that analysts so far had in general failed to recognise the fact that since the soluble matter of river-water is mainly derived from the rocks and minerals over which the rivers flow, there should be a close correspondence between the percentages of the various constituents of the earth's crust and the percentage composition of the dissolved matter in river-water. Taking the composition of the earth's crust, as deduced by the "weighted average method" devised by Professor Clarke, of the U.S.A. Geological Survey, and comparing that with the average composition given by Murray for nineteen of the principal rivers of the world, it was found that the correspondence of the various constituents was fairly close except as regards sulphates. This last constituent, however, shows a very marked discrepancy; thus, the percentage of sulphur in the earth's crust ranges from 0.1 in sedimentary rocks to 0.26 in igneous rocks, while the average percentage of sulphates in river-waters is no less than 8. To account for this the author tentatively suggested that the determination of sulphates in river-waters might be inaccurate, since it is possible that in the ordinary estimation by precipitation with barium, other salts, such as the fluosilicates and the humosilicates (compounds of humus with silica) might possibly be included. This suggestion naturally did not find favour with the chemists who took part in the discussion, though no one was able to offer a better explanation of the discrepancy.

THE COMPOSITION AND SYNTHESIS OF RUBBER

was the subject of the next paper, contributed by Dr. S. S. Pickles. Professor Harries, who has lately devoted a good deal of attention to the investigation of the constitution of rubber, has thrown doubt on Tilden's observation that isoprene, on standing, spontaneously polymerises, forming caoutchouc. The author had occasion a few years ago to prepare a small quantity of isoprene, and a portion of this was left standing in a stoppered bottle in the dark for about two years. At the end of this time the liquid had become viscous, and on pouring it into alcohol or acetic acid it coagulated much in the same way as a rubber latex, forming a white clot of rubber-like substance. This material, on treatment with nitrogen trioxide, furnished an amorphous yellow nitrosite, and with bromine an amorphous tetrabromide, both these compounds being apparently identical with those obtained in like manner from commercial Para rubber. There seems to be no doubt, therefore, that isoprene does spontaneously polymerise to a rubber-like product.

In the discussion which followed, Fellows were mainly anxious to ascertain whether the polymerisation of isoprene gives rise to a substance showing the properties of commercial rubber, and Dr. Stevens pointed out that the specimen shown could not be described as "high-class rubber." The author explained the defective physical properties of his specimen as due to the inclusion of small quantities of the initial hydrocarbons, which could easily be removed by dissolving the substance in acetone and allowing the solution to dry in the usual way. The next paper was a contribution from the Wellcome Chemical Research Laboratories on

THE CONSTITUENTS OF THE FLOWERS OF TRIFOLIUM INCARNATUM,

by Mr. H. Rogerson. The flowers of *Trifolium incarnatum*, L.—the so-called "earnation or crimson clover"—have hitherto never been chemically examined. Inasmuch as the flowers of the common red clover (*T. pratense*, L.) have recently been the subject of a thorough investigation (Power and Salway, "Journ. Chem. Soc., 1910, 97, 249), it was deemed desirable to examine al those of the less widely cultivated "earnation clover and it has been ascertained that the flowers of the tv above-mentioned species of *Trifolium* exhibit appre able differences with respect to their constituents. T material employed consisted of the flowering tops the "carnation clover" (*T. incarnatum*, L.). An alc holic extract of the dried material, when distill with steam, yielded an essential oil amounting 0.029 per cent. of the weight of the dried flowe This oil, which possessed a strong, persistent odour, a contained furfuraldehyde, had the following constant d 20°/20° = 0.9597; $[\alpha]_D$ −1° 48′ in a 1-dem. tube. The pc tion of the alcoholic extract which was soluble in wat contained a quantity of a sugar which yielded d-phenylgl cosazone (m.p. 205-206°), and from the aqueous liquid t following substances were isolated: benzoic and salicy acids, with apparently a trace of p-coumaric acid; prat $C_{16}H_{12}O_4$; quercetin, $C_{15}H_{10}O_7$; and a new glucoside of t latter, $C_{21}H_{22}O_{12}.3H_2O$ (m.p. 242-245°), which has be designated *incarnatrin*. This glucoside is hydrolysed emulsin, and is therefore a β-glucoside. It dissol slowly in concentrated sulphuric acid with a yellow colo the solution developing a green fluorescence. The porti of the alcoholic extract which was insoluble in wat consisted chiefly of green resinous material, the amou of which was equivalent to 4.1 per cent. of the weight the dried flowers. An alcoholic solution of this resin w mixed with purified sawdust, and the thoroughly dri mixture extracted with petroleum (b.p. 35-50°), eth chloroform, ethyl acetate, and alcohol. The petrole extract yielded an alcohol, $C_{31}H_{63}.OH$ (m.p. 72-74 which has previously been obtained from the wax of t humble-bee by Sundwik ("Zeit. Phys. Chem.," 18 26, 58), but, as no name was assigned by him to t compound, it is proposed to designate it *incarna alcohol*; hentriacontane, $C_{31}H_{64}$; a phytosterol, $C_{27}H$ (m.p. 135-136°; $[\alpha]_D$ −41.7°), which yields an acetyl deri tive melting at 124-125°, and having $[\alpha]_D$ −43.9°; an mixture of fatty acids consisting chiefly of palmit stearic, and linolic acids, with smaller amounts of ol and *iso*linolenic acids. The ether extract yielded f folianol, $C_{21}H_{31}O_2(OH)_2$ (m.p. 295-300°: $[\alpha]_D$ −44.1 which gives a diacetyl derivative melting at 165-166°, a having $[\alpha]_D$ −26.1°. The chloroform, ethyl acetate, a alcohol extracts consisted only of resinous material fr which nothing definite could be isolated.

The last paper read formed Part XIII. of Drs. Fors and Muller's researches on

THE TRIAZO-GROUP,

and according to the senior author was of a character afford consolation to those people who associate disast with the number thirteen. They set out to prep triazomethylcarbimide, using triazo-acetyl chloride as parent substance. On applying Hofmann's reaction to t material the mixture exploded, even when very small qu tities were employed at low temperatures. They eventu overcame this difficulty by using suitable diluents, and w able to prepare the substance sought; but the proper c ditions for the reaction have even yet not been ascertain and every now and then they had more or less serious ex sions. Incidentally Dr. Forster bore testimony to the va of the glass screens containing wire gauze now largely u in laboratories to prevent injury due to explosions. On occasion in the course of their work one of the screens shattered to minute fragments by an explosion, but tha to its construction the pieces did not fly, and no other inj was done.

During the evening a ballot for the election of Fell was held, and among those elected was Mr. Edwin Harri 18 Old Swan Lane, London, E.C.

THE LACTIC FERMENT TREATMENT needs sugar, but ordin cane sugar is too rapidly absorbed to answer the purp Jam and marmalade, taken as dessert, do well, because t part with their sugar less readily, but one of the best veh is the date, this being rich in sugar, and in consequence o cellular structure retaining it until it reaches the intestine

Association Affairs.

Brief Records.

Grimsby Pharmacists' Association.—A meeting was held at Dring's Hotel on Monday, May 2. Present: Messrs. Cor. Willson (President), Colley, Fletcher, Heely, Humphrey, R. C. Johnson, Robinson, and Ashton and Chapman (Secretaries). The business was confined to correspondence in regard to chemists' fees as witnesses and to Pharmaceutical Council candidates.

Huddersfield Chemists' Association.—A meeting was held at the Queen Hotel on May 10, with the President (Mr. J. Stephens) in the chair. The Pharmaceutical Council election and P.A.T.A. profits were discussed, and the President and Vice-President (Mr. R. C. Walshaw) were appointed delegates to the British Pharmaceutical Conference at Cambridge. The same gentlemen undertook to bring the question of pharmacist witnesses' fees before the notice of the Borough and County Councils.

Great Yarmouth Pharmaceutical Association.—The monthly meeting was held at 156 King Street, Yarmouth, on Thursday, May 5, at 8 P.M., Mr. P. R. Hill (President) in the chair. There were also present Messrs. J. S. Shearman, B. Male, Harvey Palmer, W. G. Poll, T. J. Woodcock, E. Goddard, F. E. Whitfield, and A. E. Richmond. It was deemed too early to nominate a delegate for the Conference in July. The annual outing arrangements were left in the hands of the committee.

Torquay Chemists' Association.—At the annual meeting held on May 11 the following officials were elected: President, Mr. Bourne; Vice-President, Mr. Horner; Hon. Secretary, Mr. Ventham; Hon. Treasurer, Mr. Ness. A grant of 3*l.* 3*s.* was made to the Benevolent Fund of the Pharmaceutical Society. The other matters discussed were the delay of the railway company in delivering empty oxygen-cylinders, chemists' fees as witnesses, and the restrictions desired on the use of the place-name pharmacy.

Chemists' and Druggists' Society of Ireland.—A special meeting of the committee was held at the Society's Rooms, Waring Street, on May 9, the President (Mr. Wm. Haslett) in the chair, when the following resolution was passed unanimously: "The Chemists' and Druggists' Society of Ireland beg to tender to her Most Gracious Majesty Queen Alexandra and members of the Royal Family sincere sympathy on the death of our beloved Sovereign King Edward VII." The resolution has been forwarded to her Majesty.

N.U.A.P.—The second annual meeting of the Sheffield and District Branch was held at the Temperance Hall, Townhead Street, on May 10, Mr. Aves presiding, when the following officers were elected: President, Mr. H. H. Greenfield; Vice-President, Mr. J. W. Aves; Treasurer, Mr. A. R. Powell; Secretary, Mr. A. A. Auger; Executive Committee, Messrs. R. J. Dickinson, H. S. Bellamy, G. F. H. Coates, R. A. Fenton, and F. McKinlay. Branch rules were submitted by the Secretary and adopted. The accounts showed a small balance in hand. An appeal was made for the Special Shilling Election Fund, and all present subscribed. Expressions of gratitude were made for the support accorded by Mr. Wilfrey, M.P., to the Union.

Stockport Pharmacists' Association.—A meeting was held at the County Restaurant, Stockport, on May 4, Mr. W. P. Orrell in the chair. Messrs. Bowden, Gee, Royce, and Waterman were also present. Messrs. Arnfield, Bennett, and Orrell were appointed as delegates to attend the meeting of the B.P. Conference at Cambridge. Letters from the Leeds, Bournemouth, Liverpool, Cardiff, and Cumberland and Westmorland Associations, asking for the support of the candidates at the next Council election, were read; it was left for each member to vote as he pleased. Messrs. T. K. T. Woodruff, W. Woodruff, Rideal, and Royle were elected members of the Association. A paper was read by Mr. J. E. Gee on "Reform in the Price of Goods and Chemists' Own Specialities."

Leicester Chemists' Association.—The annual meeting was held on May 2. Mr. S. F. Burford, F.C.S. (President), was in the chair. There were also present Messrs. Hearnshaw, Hampton, Clarke, Blockley, Martin, Tomlin, Tydeman, Lewis, A. E. Young, Fry, Tranent, Wilby, Johnson, Parker, Ward, Clear, and Avery and Marfitt (Hon. Secretaries). Mr. G. E. Marfitt read the Secretaries' report, and Mr. E. B. Ward presented a satisfactory financial statement. There are fifty-nine members this year, as against forty-five last year. The following officers were then elected: President, Mr. A. D. Hearnshaw; Vice-President, Mr. G. Hampton; Hon. Secretaries, Mr. G. E. Marfitt and Mr. C. J. Avery; Hon. Treasurer, Mr. F. T. Wilby; Committee, Messrs. Burford, Fry, Hind, Lewis, Thirlby, Ward, and A. E. Young.

Dundee Pharmacists' Association.—The annual meeting was held in Mather's Hotel on Thursday, May 5. Mr. R. M. Lindsay (President) expressed satisfaction with the position held by the Association, and thanked the members for the courtesy shown him during his year of office. The following office-bearers were then elected: President, Mr. C. Stephen, Ph.C.; Vice-President, Mr. R. G. Strachan; Treasurer, Mr. J. P. Ferrier; Secretary, Mr. G. J. Lindsay; Committee, Messrs. R. M. Lindsay, W. C. Ramsay, J. R. Milne, J. R. Taylor, and G. M. Davie. Mr. Stephen, having taken the chair, thanked the meeting for the honour they had done him. A discussion followed on the half-holiday question, which ended with a unanimous agreement to close each Wednesday from 2 till 6 P.M., which fact is to be advertised in the local Press. Mr. Ferrier proposed a reduction in the annual subscription from 5*s.* to 2*s.* 6*d.*, and this was agreed to.

Hull Pharmacists' Association.—A meeting was held at the Grosvenor Hotel, Hull, on May 10, Mr. J. F. Robson (President) in the chair. A resolution of condolence with the widow and family of the late Mr. T. W. Fields, of Beverley, was passed. The question of fees to chemists as witnesses was discussed, and on the motion of Mr. Tebb, seconded by Mr. Wharton, the committee was instructed to draw the attention of the authorities to the subject. Letters about Pharmaceutical Council candidates were read. The members were allowed to vote as they like. It was decided to hold the summer picnic at Bridlington on July 7, and to have a drive to Flamborough Head. It was resolved that Mr. Chater, of the Pharmaceutical Society, be invited to address the Association at the beginning of the winter session. The "Continental Smoker" recently held resulted in a profit of two and a half guineas, which was voted to the Pharmaceutical Benevolent Fund.

Bradford Chemists' Association.—A special meeting was held at the Royal Hotel on May 10 for the purpose of hearing an address by Mr. F. Pilkington Sargeant, the President, as a candidate for the Pharmaceutical Council. Mr. Sargeant spoke on (1) the Poisons and Pharmacy Act, 1908, (2) the granting of poison licences, (3) chemists and companies carrying on businesses under the title and simultaneously without the title, (4) use of the word "pharmacy," (5) registration without examination, and (6) division of the Minor examination and enforcing of the curriculum. At the conclusion of the address, Mr. Sargeant answered a number of questions, and it was eventually resolved upon the motion of Mr. H. R. Jackson, seconded by Mr. Penty, that he should be supported. In the *C. & D.*, May 7, p. 700, we reported on the meeting held on the fourth. From another report we learn that the committee to canvass the district *re* early closing consists of Messrs. Shaw, Calverley, Hall, Beacock, Milestone, and Bentley.

Mansfield Pharmacists' Association. — The annual meeting was held at the Café on Wednesday, May 4, Mr. Pegg presiding over a moderate attendance. Mr. Adams (Treasurer) presented the accounts, which were passed as very satisfactory. Varied correspondence was read, including a letter *re* witness-fees from the C.D.A. On this matter it was decided to petition the County Council. The following officers were elected for the year: President, Mr. W. F. Croft; Vice-President, Mr. P. J. Shacklock; Secretary, Mr. A. H. Bell; and Treasurer, Mr. B. Adams. Mr. Pegg, the retiring President, in responding to the vote of thanks for his services during the year, spoke of the great amount of good the Association had done. It had brought pharmacists together in a way that had not been done before, and had rubbed down many corners. The strong opposition of the Association to the granting of licences for the sale of agricultural and horticultural poisons had been successful, and had prevented several other tradesmen from applying for licences. The most trying time for the Association was approaching, and he trusted the members would hold together and be in a position to protect their interests in whatever way they were threatened. After acknowledging the help of the Secretary, he wished his successor, Mr. Croft, a pleasant and successful year of office. Mr. Croft thanked the members for electing so young a member to the important office of President, and promised to do his best for the Association.

Manchester and North of England Optical Society.—The annual meeting of this Society was held at the Albion Hotel, Manchester, on May 4, Mr. J. C. Kidd (President) in the chair. The annual report was presented by Mr. Alfred Hershberg (Hon. Secretary). Mr. J. C. Kidd was re-elected President; and Mr. R. T. Forbes (Stockport), with Mr. C. W. Lloyd, Vice-President; Mr. Alfred Hershberg, Hon. Secretary and Librarian; and Mr. I. Slater, Hon. Treasurer. Mr. Hershberg submitted the amended draft constitution for the Federation of Optical Societies for submission by the

Society's delegates at the adjourned conference in Manchester during Whit week. The suggested name is "The Federated Society of British Opticians," the objects being as follows: (1) To strengthen and improve the position of the members of the optical craft; (2) to watch and guard the interests of all members; (3) to promote social intercourse and good fellowship amongst members of the optical trade; (4) to create, have, and efficiently work a common policy in all desirable matters of trade interests; to make heard the united voice of the members of the affiliated Societies on all occasions when benefit to the members or to the trade in general will thereby be secured; (5) to secure or assist to secure optical legislation. A conference is to be held annually, there is to be a council of twelve, and business meetings are to take place quarterly. Each affiliated Society is to pay a fee of not less than 1*l.* 1*s.* per annum for each thirty members, and opticians in towns where there is no society are eligible for membership on payment of 2*s.* 6*d.* annually.

Irish Chemists' Assistants' Association.

At the meeting of this Association, held at 12 Harcourt Street, Dublin, on May 6, Mr. George Brown lectured on

Pharmacy and Examination,

dealing first with the etymology and meaning of the words "pharmacy," "pharmacopœia," "dispensatory." The possession of a reliable commentary on the Pharmacopœia is a necessity to pharmacists, and for every-day use no better one can be found than Squire's "Companion," either for students or as a work of reference in the pharmacy. The preparation of medicines was at first undertaken by the prescriber, and Mr. Brown traced the separation of pharmacy and medicine, mentioning some of the oldest galenicals, such as diachylon plaster and calamine ointment. The first public drug-shop was opened in Bagdad in 754, and to the Arabians is due the introduction of the first Pharmacopœia. Coming to mediæval times, Mr. Brown outlined the struggle between the physicians and apothecaries, and later the evolution of chemists and druggists. The pharmacist of that date occupied a better position than he does to-day, but this depended, as now, upon the individual. Mr. Brown then traced the foundation of the Pharmaceutical Societies of Great Britain and Ireland, and noted the difference in practice in these two parts of the United Kingdom. Students will notice that dispensing figures but little in the Irish Pharmaceutical examinations; this is because every part of the examination syllabus leads to the subject of dispensing, for on this art is founded the pharmacist's knowledge of chemistry, materia medica, botany, and Latin. On the east side of the Irish Channel "dispensing" is spoken of, when in Ireland the word "compounding" is employed. The pharmacy of the dispensing-counter is mainly of the *ex tempore* order, which makes the assistant who receives the prescription bring to bear upon it all his skill and experience. This necessitates a familiarity with the B.P., so that one cannot start too early to acquire a knowledge of that book. On the question of examination, Mr. Brown said the chief aim should be all-round neatness, which includes good handwriting, order or method, and accuracy. Examinations are now conducted as near to perfection as circumstances will permit, so that the student who is most likely to be successful must possess these simple qualifications and have a steady and earnest interest in his work. Celerity and the use of opportunity also go a long way towards success, and, finally, if a student does his best, he will make examination a stepping-stone to greater and better things.

A vote of thanks was accorded to Mr. Brown for his lecture.

Society of Chemist-Opticians.

The annual meeting of this Society was held at the Royal Horticultural Hall, Westminster, S.W., on May 11. Mr. H. Fairburn (Northallerton), the President, was in the chair, and there were also present Mr. C. J. G. Bunker (treasurer), Mr. A. Higgs, Mr. W. Maskew (Clacton-on-Sea), Mr S. W. Woolley, Mr. J. Harcombe Cuff (hon. secretary), Mr. F. Challis, Mr. G. D. Loveluck (Aberavon), Mr. F. Tree (St. Leonard's-on-Sea), Mr. T. L. Nicholls (Chelmsford), Mr. W. Martin, Mr. J. Williams, Mr. E. G. Price, and Mr. R. Fouracre. The President opened the proceedings with a brief reference to the death of King Edward VII., and then called on the Hon. Secretary to read the notice convening the meeting and also the minutes of the last annual meeting. The last-named having been confirmed, the annual report and financial statement were received and adopted. It was then moved by the Hon. Secretary and seconded by Mr. Maskew that the following rule be added to those already in force:

The Council may delegate such of its powers to committees of its members as it may think fit.

Mr. Cuff explained that the object of this proposal was to prevent having to call a Council meeting at times when only purely formal business is to be transacted. The Council will have full power over any of the proposed Committees, and reports will have to be submitted to Council from time to time. There being no opposition the motion was carried unanimously.

Votes of thanks were then passed to the President and the Hon. Secretary, very appreciative remarks being made as to the way Mr. Cuff has again carried out his duties.

Myopia.

At the close of the annual meeting Mr. Lionel Laurance delivered a lecture on "Myopia." The address, which occupied about ninety minutes in delivery, dealt very thoroughly with the subject. The trend was to show that the adaptation of lenses to correct myopia is not so simple as it seems at first sight. Mr. Laurance dealt with the causes of myopia, and expressed the opinion that the defect could be entirely eliminated if proper precautions were taken in the way children use their eyes. The excessive use of the eyes for close work is the predominant cause of myopia, and it has been noticed that persons with wide interpupillary distance are more prone to this refractive trouble. Uncorrected astigmatism, hyperæmia, and accommodative over-action are other factors in causation of myopia. The lecturer then dealt with the methods of correction and the considerations which affect the optician.

Mr. Bunker proposed a vote of thanks to Mr. Laurance and referred to the bad effect of defective lighting and improper desks, on the eyes of school-children. Mr. Tree seconded, and after some questions had been asked and answered the vote of thanks was carried with acclamation.

Society of British Dentists.

A meeting was held at the Holborn Restaurant on May 1 to discuss the report of the Departmental Committee on Anæsthetics. Mr. Alfred Higgs, J.P., Chairman, opened the discussion by drawing the attention of the meeting to Clause 8, which says:

"In no case should a dentist attempt to administer the gas and operate. If a medical man is not employed to administer the gas the dentist should have the assistance of another registered practitioner for this purpose."

This, he said, practically affected all those present, for they all knew that when a person came to have a tooth extracted they wanted it out at once, not to have to wait till a medical man or another dentist could be procured to assist. Nitrous oxide is considered to be the safest of anæsthetics. Further, in these days of insentia, when "the perfect anæsthetic has yet to be discovered," it is unnecessary to tie the hands of dentists. An animated discussion ensued in the course of which Messrs. Matland, Gask, Greesfield, Hoare, and Stooke took part, Mr. Stooke emphasising the necessity of taking prompt action before a Bill is drafted. A suitable resolution was passed, and it was also recommended that a deputation be sent to the Home Secretary.

Mr. A. Gask, L.D.S., then read his paper on

A Vindication of Cocaine.

He said one of the secrets of local anæsthesia with cocaine is to use a pure alkaloid, and to use fresh solution. The strength the lecturer uses is 5 per cent., and in the whole course of his experience, extending over eighteen years, he has never had a case where the patient has had to be removed from the chair to counteract the toxic effects of cocaine. Last year he made about 4,000 injections. He said cocaine is the safest local anæsthetic. The worst subjects are persons between the ages of eighteen and thirty, of pale, anæmic constitution. In using the solution, about four or five punctures should be made, so as to have as large a surface as possible—extract at once, as the the solution comes away with the hæmorrhage, and does not get into the system.

The Chemists' Exhibition.

THE exhibition organised by "The British and Colonial Druggist" was opened in the Horticultural Hall, St. Vincent Square, London, S.W., on Monday, May 9. At about twenty minutes past twelve a picturesque procession started from the reception room. It was headed by two stalwart policemen, heralding the approach of a negro boy clad in white linen with a scarlet fez and sash, who carried a large basket filled with bouquets of roses and lilies. Then followed the various ladies and gentlemen taking part in the opening ceremony, who were Mr. Charles Umney, Mrs. J. Umney, the President of the Pharmaceutical Society and Mrs. Harrington, Mr. and Mrs. C. A. Hill, Mr. and Mrs. T. H. W. Idris, Mr. J. H. Evans, Mr. Alan Francis, and Mr. W. S. Glyn-Jones. Mr. Norman Flack, in a few sympathetic words, explained that the Exhibition is regarded mainly as a business function, and it was thought best to proceed with it, modifying the social side in consequence of our great national loss. He said that it had been decided to retain the services of the orchestra as usual, for the benefit of the large number of country people who were visiting the Exhibition and to counteract the general gloom which prevails. Mr. John C. Umney should have been the next speaker, but he is confined to his bed with influenza, and his father, Mr. Charles Umney, filled his place. Mr. Umney took for his topic "Fashions in Physic," which, he said, were almost as changeable as fashions in dress, and he read a poem on this subject, which appeared in "Punch" of October 1890. Mr. Umney then introduced his daughter-in-law, Mrs. J. C. Umney, who very briefly declared the Exhibition open, and accepted a very handsome bouquet of lilies and roses tied with pink satin ribbon. Mrs. Umney wore a clinging black dress and large picture hat with a long rope of pearls. Mr. Flack next informed the company that this year marks the twenty-first birthday of the Chemists' and Medical Exhibitions—sixteen for the former and five for the latter. In this period Messrs. Parke, Davis & Co. had exhibited twenty times, Messrs. T. Christy & Co. nineteen times, and Messrs. Ingram & Royle on seventeen occasions. The organisers wished to present to the representatives of these firms small souvenirs in the form of walking-sticks, and he asked these gentlemen to step up to the platform to receive the sticks at the hands of Mrs. Umney. When this had been done the company made a tour of the hall.

Notes on the Exhibits.

AERORS, LTD.—The new "C" "Prana" sparklet syphon and bulb is the chief attraction at this stand. The method of charging this double-sized syphon is being demonstrated. Silver-plated syphons, fruit crystals and tablets are accessory exhibits. A model illustrates how to obtain a carbonated bath (Nauheim) at home, carbon-dioxide gas being forced from a cylinder through the fine holes in a tray placed at the bottom of the bath. An apparatus for making carbon-dioxide snow and compressing it to pencils for surgical use is another exhibit.

BAIRD BROTHERS & STEVENSON, LTD., have a fine show of packed goods. The leading lines are their well-known cod-liver oil emulsion and effervescent Carlsbad salt. The latter is put up in three distinct styles. Salines are to the fore, a good variety of wrappers being shown. Hygeia salt in tins is a good line. A newly received diploma from the Medical Exhibition at Rio de Janeiro is accorded a central position on the stall.

THEODORE BARTON is showing specimens of dentures, which he makes for the trade, as well as dental instruments, tools, and appliances. Mr. W. R. Black's dental preparations are also exhibited.

THE BAYER CO., LTD., are exploiting Guaiacose, their food-and drug treatment for diseases of the respiratory organs, and also Thyresol, a preparation of sandalwood oil free from nauseating properties. Spirosal and Aspirin are antirheumatics on view, and special attention is being drawn to the fact that the latter is the company's registered trade-mark. Other standard synthetics shown are Helmitol, Heroin hydrochloride, Jothion, Protargol, Sajodin and Sabromin, Tannigen, Theocin sodium acetate, and Veronal.

JOHN BELL, HILLS & LUCAS, LTD., have an interesting display of pharmaceutical novelties. A series of glyceroles—pepsin, boric acid, lead, etc.—are noticeable for their brilliancy, an improved method being employed in making them. The special preparations are Quinicin, an ammoniated tincture of quinine with cinnamon; Rose-opaline, a skin-lotion containing zinc oxide, glycerin, and benzoin; pine cough emulsion, free from scheduled poison; Zardol, a liquid for cleansing the hands; Ceregen, an ointment-basis; Atoleine, a perfumed mineral-oil basis for brilliantine; Auratoleine, a cheaper preparation for hair-oil; and hair-spirit, for use in place of rectified spirit in toilet-preparations.

ARTHUR BERLINER has a good show of surgical dressings and druggists' sundries. The feature is perhaps surgical wools and lints in small packages ready for retail. These being packed on a large scale, come out at a cheaper rate than that at which the chemist can do them in small quantities, and the style is suitable for high-class retail trade.

R. BLACKIE surmounts his corner stand with a huge box of poudre de riz, the Shen Yena poudre de riz forming a goodly portion of the display of packed pharmaceuticals. The coupon-scheme connected with the rice powder is explained to chemist-customers. "Spun" ointments and tooth-powders also occupy prominent positions. Salines, hair-dyes, and tubed goods bulk largely among the various "own-name" lines.

W. H. BOX has a display of the "Giant Remedy" known as Box's pills, also Box's "Golden Fire," a liniment for the cure of rheumatism, lumbago, and other ills.

BRAND & CO., LTD., have a varied display of their products. Their meat-essences in the hygienic style of packing in glass bottles with aluminium caps are well to the fore. Home-made beef-tea is now also put up in attractive style in bottles. Fever food, meat-lozenges, and beef-tea tablets are being shown. Meat-juice mixed with aërated water is also being served out.

THE BRITISH DRUG HOUSES, LTD., have a double space, which is divided into three sections: (1) pure chemicals for pharmaceutical purposes, (2) galenicals and packed pharmaceuticals, and (3) perfumery and toilet-preparations. The "P.P.P." chemicals have been recently referred to in the *C. & D.*, and among the samples we noted a very fine specimen of lead acetate and a jar of crystallised glycerin. The galenicals include a range of lozenges, capsules, perles, tablets, and pills, and the packed goods include Ficolax, cod-liver-oil emulsion, Otango, and magnesia emulsion. The perfumery section contains two new perfumes, Eglantine and Genet, some attractive lines in bath-salt, and the well-known "Frozen Foam." The showcases used for this display were designed and made by Philip Josephs & Sons.

THE BRITISH LA TOJA CO. are developing the treatment of skin diseases with the natural products of the Spanish island of La Toja—water, salts, mud, and soap. The water is saline to the taste, and arsenic is included among its many constituents. "Lerez" table-water, a natural water from Monte Porreio, Pontevedra, is also displayed here.

THE BRITISH OXYGEN CO., LTD., have a stand where invitations are issued to chemists to visit the company's works, which adjoin the Exhibition.

W. BUTCHER & SONS have a big display of cameras and photographic sundries. The points of the "Cameo," "Klimax" and "Carbine" series of folding-cameras are being explained. The "Acto" Midg, with exposure meter and shutter graduated accordingly, is another novelty. "Plateau" and "Star" flat-topped folding-stands shut up into a surprisingly small and convenient form.

CAMWAL, LTD., at their reception-room dispense hospitality to their friends and acquaintances. Among the advertising novelties connected with the syphon-trade the company show electric and gas syphon-lamps, giant syphons, advertising-signs, syphon-coolers, syphon-carriages, tricycles, etc.

CARNA MANUFACTURING CO. are exhibiting "Carna" specialities, which comprise face-cream, face-powder, dentifrice, bath-salts, and tablets.

CASEIN, LTD., are showing their new casein foods. These

are Phosphova, Phospho-whey, and Galactova. The first-named contains, in addition to casein, malt, eggs, and sodium glycerophosphate. Phospho-whey is a dried solution of phosphates in sweet whey; while Galactova consists of casein, eggs, and malt without phosphates. By the addition of a little brandy to a solution of Galactova, egg-flip is produced. The special feature of these foods is the ready solubility of the casein. Tasting-samples are being offered to visitors. Lactic St. Ivel cheese is a side exhibit at this stand.

Thomas Christy & Co. have a large space devoted to their numerous specialities, some of which, on account of their novelty, are given particular prominence. A pyramidal display of lavender salts is noticeable on account of the aluminium caps which screw over the stoppers of the bottles, and the line is not expensive. Comprimella toilet-powder is put up in a cylindrical box in the end of which is a small puff. Lunol is a cheap form of composition for preventing mistiness on spectacles. Radium watches have the hands and dial illuminated by a radium-bromide mixture so that it is easy to tell the time in the dark. A new scheme is shown of supplying tooth-paste in tubes and boxes with embossed labels. The dies for these are expensive, but this co-operative scheme puts the labels within reach of every chemist. New cornflower, floral, and buttercup designs have been applied to series of toilet-preparations. In Coudray's goods edelweiss and lily-of-the-valley perfumes have been introduced in an inexpensive bottle. Some special lines in thermometers are also shown, and in Lehn & Fink's goods Riveris talcum is a good line. Roseau de Cologne is a solid toilet-preparation for the hands, the novelty of which is that the block is fixed in the lid of a pretty earthenware box and rubbed on the skin with the lid as a handle.

Consol Automatic Aerators, Ltd., show their now familiar syphon-filler, the special features of which are being ably demonstrated by Mr. Gardner. The apparatus is recommended owing to the low cost of filling syphons (4 for 1*d.*), the small space it occupies (2 ft. by 2 ft.), and the easy method of automatic operation. A large onyx soda-fountain occupies the centre of the exhibit, while there is also a full range of "Consol" brand fruit syrups and essences.

Arthur H. Cox & Co., Ltd., have a fine display of pills in all manner of coatings, these including pills covered with keratin. In tablets the astonishing offer is still being made of cascara tablets in bottles at 1*s.* per dozen. Lactic tablets are particularly adapted for sale as "own-name" goods; packages of fifty retail at 2*s.* 6*d.* Improved effervescing lithia tablets are now produced which will not deteriorate on keeping: they are made *in vacuo* to avoid access of moisture. Messrs. Cox have now taken up the manufacture of virogen, and have arranged the retail prices so that the chemist obtains a profit of 33⅓ per cent.

Cresswell Bros. occupy a central position with a monumental display of sponges. Messrs. A. and E. Cresswell and E. F. Shackleford are in attendance. A special shipment of fine Turkey solids and cups enables the company to offer Turkey sponges at prices lower than those ruling for many years past. Zimocca Turkey sponges are a brown cheap variety worth inspecting. There is also a good display of fine Mandrucka (Mediterranean) honeycomb bath sponges and of Biscayne sponges for motor-car or domestic use. A special offer is made of quarter-cases at original case prices. Boxed Cuban and other sponges and stable-sponges are other advantageous lines on view, as also loofahs, chamois leathers, sponge-bags, and indiarubber sponges. The well-known sponge figures "John Bull" and the "Diver" are as popular as ever. The "Redio" polishing-cloths referred to in our last issue can be seen here.

Daisy, Ltd., are situated opposite the entrance. Their exhibit is mainly of advertising devices which keep Daisy headache-powders and Daisyfoam before the public. The electric flash signs are at present the most popular for window-displays. It is not generally known that the chemist's name and address are printed free on the packets and boxes of Daisyfoam (shampoo-powder).

Danysz Virus, Ltd., have a stall at which the properties of the Danysz Virus as a rat and mouse destroyer are discoursed upon. The mechanical figures of t domestic cat are offered as a good advertising attracti for sellers of the virus.

The Dispatch Carrier Co. are showing the "Dispat Carrier" tricycles and bicycles which in modern busines ensure speedy and safe delivery of small parcels. Alt native schemes are offered, the carriers being boug outright or hired at the company's risk.

Georg Dralle specialises chiefly in "Illusion" p fumes, the stand being festooned with artificial flow scented with the rose perfume in close imitation to natu Bunches of artificial lily-of-the-valley are also exceedin deceptive as regards appearance and odour. T "Illusion" perfumes are of the non-alcoholic concentra type, and are packed in boxwood cases of lighthou shape. Fancy metal lighthouse cases are now a supplied, and a variety of odours is available. Oran blossom in boxwood barrels is an eau de Cologne withc alcohol. Illusion scented soaps, Malattine toilet-prepa tions, and Birch hair-water are other specialities shown.

Edwards' Harlene Co. have a display of Harlene a its satellites—Cremex shampoo-powders, Uzon brillianti Violetta skin-cream, Juno floris and Excelsior hair-dy A special offer of free sample bottles of Harlene is be made to chemists purchasing a 2*l.* parcel of the compan specialities.

Eucryl, Ltd., toilet specialists, have a pretty c play, the goods shown including the well-known too powder, soap, bath eucryl, tooth-paste, cold-cream, a ointment. The special bonus terms to retailers, gua teeing 100 per cent. profit in return for counter-displa continues a strong and attractive "draw" to promote handling of these goods.

Evans Sons Lescher & Webb, Ltd., have a double sta at the end of the central aisle. Chemists' shop-fittings utilised for the dual purpose of displaying the fir products and of illustrating the high quality of the w the company turns out. The dispensing-screen has a le pier-glass which would give a bright aspect to the pharma Hawley's counter-adjuncts form a prominent portion of exhibit, the new "Classic" series of toilet-preparati vying with the older well-known "Naiad" series elegance and richness of style. The crude drugs scatte around afford a pleasing contrast to the exigencies of modern toilet. Chocolate "Curdlettes" and the "Li pool" virus recall the biological side of pharmacy, w photographic chemists will be interested in "Hanov cameras and "Hanoware." Evans's distilled oils, filled capsules, "Membroids," and other pharmaceut products are displayed in the numerous handsome sh jars. Dispensing-scales, cases of surgical instruments, druggists' sundries are also shown.

The Express Developing Co. have a wall show imm ately on the right of the entrance, which gives example enlargements of the highest class, mounted and finished black-and-white, sepia, or water-colours by trained arti The company, as is well known, deal exclusively pharmacists, whose needs are closely studied and cate for.

Findlater, Mackie, Todd & Co., Ltd., are just inside entrance doors, and exhibit foreign mineral waters St. Raphael tonic wine. Ems, Carabana, Martigny-h Taunus, Wildungen, Schlangenbad, Birresborn, Schwalbach are the mineral waters for which the comp are the sole agents for the United Kingdom.

Ford, Shapland & Co. have a stand replete with la cartons, handbills, and general stationery for the pha cist. Gauze showcards for the chemist are the feature season, many pretty examples being on view. The op circulars will be of interest to chemists running this pr able line. Fly-coils and fly-papers are in evidence to he the approaching summer. The "Improved Turnstile" catcher is very effective in design and cleanly to ha Sanitary toilet rolls, printed envelopes, coloured handl and numerous other interesting items are included in exhibit.

Bruce Green & Co., Ltd., exhibit optical goods. company are now supplying more ambitious trial-sets, w include cylinders and prisms in the more expensive We were also shown a case of spectacle-frames for f measurement. The case contains forty-eight different

f nes, and the optician is guided to the correct frame for a rticular patient by starting with the pupillary distance.

GUITERMAN & Co., LTD., are showing Riker requisites fo the toilet—toilet-water, violet cerate, cold cream, and fa powder being the chief. The get-up of the prepara- ti s is very elegant. Guiterman's "Poso" electrical m sage apparatus, retailing at 30*s.*, is also being demon- st ted, the rollers of which in passing over the surface o he body set the armature of a small electro-magnetic m hine rotating, and thus impart a distinct electrical sh k to the moistened skin.

OUGHTONS, LTD., have a nice oak stand devoted to a di lay of cameras. The Ensignette vest-pocket camera, w h takes a picture $2\frac{1}{4}$ by $1\frac{1}{2}$, is the season's novelty. From th negatives, enlargements to postcard size can be made w comparatively little loss of detail. A special enlarger an daylight development outfit are supplied for the " nsignette."

OWARDS & SONS, LTD., have a showcase of their fine ch icals, those in granular form being largely in evi- de e and forming a pretty display. Camphor in bell and bl s serves to fill in some corners, while tablets of qu ine, soda-mint, citrates, etc., have a shelf to them- se s. Quinine and cinchona alkaloids naturally form a po on of the display, which also contains samples of th Howard chemicals as supplied in small packages.

HE HUTCHINSON Co. have a large variety of rubber go s at their stand—air-beds, water-beds, pillows, cushions, ice ags, hot-water bags, bed-sheeting, bathing-caps, etc. Th Hutchinson's heftband adhesive bandage is used for su cal and domestic purposes, and for keeping poultices an bandages in position. The "Bath" and "Clifton" ba ng-caps are newly introduced patterns, while in sponge- ba the "Cromer," "Dorothy," and "Brighton" are new. Th "Multum in Parvo" and "De Luxe" toilet-cases are us l lines for summer sale.

E HYGIENIC SYPHON Co. (1910), LTD., are showing the me od of filling the new hygienic syphons which have been ref red to in previous issues of THE CHEMIST AND DRUGGIST. Vi ors will be interested in the simple construction of the sy n, which enables the vase and working parts to be rea ly cleansed. Beside the filling apparatus there is sho a simple syruping-device for use with the hygienic sy n.

IS & Co., LTD., display syphons and bottles of their we known aërated waters. The sale of the Chinaway sy n is increasing by leaps and bounds, which shows tha the public are appreciating this invention. A big exp t trade is being done in Idris lime-juice cordial, which is good brand for chemists to push. Karn wine is a hap ly named meat-and-malt wine which the company are bri ing into prominence.

I RAM & ROYLE, LTD., have a corner stand with samples of principal mineral waters for which they are agents. Th include Vichy, Contrexéville, Carlsbad, and Tansan, a w water from Japan which contains a little iron. Ca bad sprudel salt in crystals and powder is also shown.

J ES' SANITARY COMPOUNDS Co., LTD., are showing Cy l and its preparations, most of which are familiar to rea rs of THE CHEMIST AND DRUGGIST, and need no fur r comments.

K YNOS INCORPORATED have an exhibit of a new dental cre and liquid Kolynos, both of which have been fav rably reported on. The ingredients present in the cre are benzoic acid, eucalyptus, and peppermint oils, thy l, soap, precipitated chalk, alcohol, and glycerin, the hole being compounded in a way exhibiting distinct orig ality. The name Kolynos is from the Greek, and is giv to indicate that it really is a disease-preventer. Acc ding to a report of Dr. E. Walter, of Griefswald, Kol os destroys in a short time diphtheria bacilli, strepto- coc and pneumococci, not only *in vitro*, but in the mou . The cream is put up in collapsible tubes, to sell at 1 $1\frac{1}{2}$*d.*, and there is also a mouth-wash in bottles, pre- par on the same lines, at 2*s.* 6*d.* retail per 8-oz. bottle.

L TIC FERMENTS, LTD., have a good display of Masso- lett and Massogran. Giant boxes of Massolettes are use for decorating the stand. It is to be noted that a new hilling size of Massolettes has been introduced, and ste continue to be taken to confine the sale of these lactic aci acilli preparations to pharmacists.

JULES LANG & SON devote every inch of their space to bottles of all descriptions which chemists use. These include kalis, limes, flats, tablet-bottles, pomades, malt-extract jars, show jars and glasses, vials, and tube vials. The firm have a new Tower show-jar, 19 in. in height, suitable for display-purposes for pill, pilule, and pastille makers, divided into three compartments, each separate and fitted with ground-in stoppers covered by glass domes. Guéret Frères' syphons are also on show.

LESCOL PERFUMERY Co. have a good show of perfumery and toilet-soap. The Wallflower and Parma violet perfumes are, the company contend, still unsurpassed. Lescol shaving-stick has been improved, so that the lather it produces is very lasting. Imperial soap is a new introduction, and Lescol damask cream a well-made non-greasy toilet-cream.

MACPHERSONS are demonstrating the advantages of the "Shaw" inhaler jug and the "Inhalogens" for use therewith.

THE MANHU FOOD Co., LTD., are showing a full range of the Manhu diabetic foods, the features of which are that the carbohydrates are changed, the starch is not taken out or changed to glucose, and the sugar present is in the form of maltose. Some of these foods are adapted for general use, such as the flaked wheat, which makes excellent porridge.

S. MAW, SON & SONS are showing the tablet-machine which was illustrated and described in last week's *C. & D.* They are also showing the artistic electric flambeau lamps for affixing outside chemists' shops, and an inexpensive drying-oven for granules. The special feature of the exhibit is the patent lavatory disinfector. This takes the form of a small earthenware box with syphon attachment. The box is filled with potassium-permanganate crystals and placed inside the flushing-tanks of lavatories. When the flushing-tank is used the last portion of the water, which is crimson, comes from the disinfector and is left in the closet-pan, where it acts as a destroyer of organic matter. The disinfector sells at 2*s.* 6*d.*, and lasts about a year before it needs recharging.

THE NATIONAL CASH REGISTER Co., LTD., are exhibiting some half-dozen varieties of their cash-tills suited for use by chemists and druggists. The autographic attachment is recommended for those who prefer to dissect their takings, and costs 3*l.* in addition to the price of the machine upon which it is used. The size of the machine for a particular business depends upon the average amount of each purchase, one that registers up to 4*l.* 19*s.* $11\frac{3}{4}$*d.* costing 19*l.*

W. T. OWBRIDGE, LTD., the proprietors of Owbridge's lung-tonic, have a display of advertising-matter with which the public fancy can be tickled. The newest showcard is in the form of a frosted castle with fairies floating about. Then there is the showcard, 4 ft. high, in the form of a giant bottle of lung-tonic, which is specially adapted for standing in the lobby of a pharmacy

PAINE & Co., LTD., devote their stand to the "John Bull" malt extract, which is now supplied in four qualities under the names "Neota," "Original John Bull," "Paco," and "Paco" diastase. The extracts are obtainable in bulk or packed in the modern style of glass jars.

PAPIER POUDRE, LTD., have a delicately decorated stand upon which are shown the various packages of Papier Poudré and Lehcaresor. The $4\frac{1}{2}$*d.* size Papier Poudré is a profitable line to the retailer.

PARKE, DAVIS & Co. have a display mainly devoted to toilet-preparations, among which the Euthymol products bulk largely. The most recent introduction is Euthymol cold-cream, a non-greasy preparation easily absorbed by the skin, which yields a good profit to the retailer because the price is protected by the P.A.T.A. scheme. The prices of Euthymol liquid dentifrice have been revised so that the 1*s.* 6*d.* and 2*s.* 6*d.* sizes are profitable sellers. A 1*s.* package of Cascara Evacuant is new, and the 8-oz. and 16-oz. size of Hydrated Magnesia are good lines to stock.

CHARLES H. PHILLIPS CHEMICAL Co. exhibit Milk of Magnesia, Phillips' digestive cocoa, and Phillips' Phospho-Muriate of Quinine, and make cheerful offers of literature to chemists who can usefully employ it.

PIRELLI, LTD., display a wide range of rubber goods. The complete range of enemas is worth a visit, and the

continuous-flow enema should be inspected by those who sell the highest-class goods. Gloves, bathing-caps, hot-water bottles, transparent teats, vulcanite fittings, nasal and aural syringes, and sheetings are other lines.

Mrs. Pomeroy, Ltd., have a pretty display of the Pomeroy toilet-preparations. The prevailing colour of the stand is a pretty sage-green, and there are shown specimens of the thirty specialities of the company. Sample bottles of the Pomeroy skin-food, Pomeroy Liline, and Eau de Pomeroy toilet-water are being distributed.

Robinson & Sons, Ltd., are showing cardboard boxes of various kinds. Two new lines in seidlitz-powder boxes are noticeable exhibits. One of these is called the "Dainty," and is true to its name. It has a white wrapper with embossed ornamentation and gold lettering. A large variety of cartons with stock designs is being shown: these are suitable for cod-liver oil, malt extract, quinine-and-iron tonic, salines, etc. When 250 of one kind are taken the chemist's name and address are printed in the blank panels. We noted also several kinds of self-sealing postal boxes. The "Eveready" safety postal box requires no string or sealing, and is provided with an address-label and postage-stamp slip.

H. Salle & Co. devote their exhibit to Irish moss (*Chondrus crispus*), of which six different qualities are shown, at prices ranging from 7*s*. to 22*s*. per cwt. The firm have given considerable attention to this article, and as they are the proprietors of important fisheries at Brest and elsewhere, they are enabled to meet large buyers' requirements at low prices. The firm are also manufacturers of the "Spider" brand of alkaloids—atropine, eserine, pilocarpine, veratrine, and many others. The London representatives of the firm are F. Wachendorff & Co., 37 Crutched Friars, E.C.

Sangers, ever in the pursuit of novelty, have struck an original idea, their exhibit taking the form of a raised platform, the sides of which are fitted up with ornamental oak balustrades, so as to give an idea of what the firm do in the way of shop-fitting. The principal feature of the exhibit is a huge multum-in-parvo display-stand, which, while being compact, shows, by merely turning over the "leaves," as it were, samples of several thousand druggists' sundries which adapt themselves to this form of display. The outside "leaves" of the stand are taken up with bottles of all kinds for druggists' use; then follow combs, nail, tooth, and hair brushes of all sizes and prices; puffs, rubber sponges, sponge-bags, glass syringes, enemas, tubed specialities, and half-minute clinicals (15*s*. per doz.). Opening a "leaf" at random, we noted examples of packed goods, made up from retailers' own formulæ, these including a cheap line of cherry, areca, and carbolic tooth-pastes costing 3*s*. 9*d*. per doz. Another multum-in-parvo stand is devoted to window-tickets and showcards in enormous variety. Sangers have specialised in this work, so that they have been able to produce some excellent and high-class designs. The firm are enabled effectively to carry out any individual customer's ideas in regard to showcards, the principle which is worked on being that goods well displayed are half sold.

The Sanitas Co., Ltd., display their many specialities for disinfecting-purposes and Kingzett's patent preserved hydrogen peroxide. A new line is a toilet-paper impregnated with "Sanitas" in interleaved packets, retailing at 4½*d*. "Sanitas Bactox" lanoline, to sell at 1*s*., is also new, while special attention is given to "Sanitas Bactox Vaporiser." Fumigating-preparations are much in evidence, sulphur candles and "Sanitas Fumigators" being the chief forms.

The "Securitas" Non-Inflammable Products Co., Ltd., make a special show of "Securitine" non-inflammable dry-cleaning fluid, to which we called attention last week. "Securitine" is being well advertised, and as it is a P.A.T.A. line bearing 33⅓ per cent. profit, it should readily appeal to chemists; while the fact that it is put up in 3*d*., 6*d*., and 1*s*. bottles makes it available to all sections of the public. The company also manufacture a colourless rubber solution, of which five different descriptions are put up, No. 5 being adaptable for indiarubber goods, cycle-tyres, waterproofing, etc. There is also a "Securitine" hair-lotion to take the place of the highly inflammable petrol; this bears a profit of 33⅓ per cent., and should meet with a ready sale.

Société Générale des Eaux Minérales de Vitt display the medicinal table-water from the mineral sprin at Vittel (Vosges), the use of which is indicated in go and kidney troubles. It is claimed to have a sale of ov seven million bottles annually.

Southall Bros. & Barclay, Ltd., occupy the sam position as at the Nursing Exhibition, but the exhibit much more comprehensive; indeed, it is a good gener show of galenicals, effervescing and scale preparations, pu chemicals, pills, tablets, counter specialities, sanitary good infants' foods, and many other accessories to pharmac Special prominence is given to the counter specialities, wi name and address of the buyer. The labels for most these are exceedingly effective, of original design, and cov a wide range of products. The "Fisherman" brand emulsion, manufactured with A1 cod-liver oil, is one the packed-goods series, others including lemon crystal salines, citrates, and other spring medicine remedies. Amo the sundries, our attention was directed to a cheap li of menthol inhalers at 3*s*. 6*d*. per doz. (a sixpenny lin and a tooth-brush display case of registered design. Pu chemicals in show-vases are a feature, these includi sulphate of soda in feathery, pea, and large crystals. Son of the more prominent fixed oils, such as the A1 cod-liv (manufactured at the company's own Norwegian factories castor and olive, are prominently displayed, these bei leading lines with S. B. & B.

The Stern-Sonneborn Oil Co., Ltd., display sampl of their petroleum jellies of various qualities, also paraffinu liquidum B.P. Oils for brilliantine-making are anoth feature, these including white, yellow, green, and r mineral oils, which are eminently suitable for chemists wl put up their own hair-preparations. Lubricating oils a greases of all descriptions are also specialities of this house

Suttley & Silverlock, Ltd., show a great variety chemists' labels and showcards, and are introducing visitors the question of calendars for 1911. Sample packe of labels are being given away.

Thompson & Capper are showing two tablet-machin made by the Stokes Machine Co., of Philadelphia. The are the Clark rotary machine, for large factories, and t Eureka machine, selling at 6*l*., and adapted for use retail chemists. These machines were turning out cach tablets at the time of our visit. As a separate exhib Thompson & Capper display the Zodiac electro-massa machine, which contains a dynamo, and generates a stro current of electricity when the massage wheel is in us It sells at 12*s*. 6*d*.

The Velvix Toilet Co. show high-class toil specialities, such as Veloda Bouquet, Velvix skin-foo beauty-cream, complexion-lotion, toilet-cream, complexio powder, and liquid dentifrice.

Viscose Development Co., Ltd., occupy a corner the hall, and are demonstrating the uses and method applying Viscose bottle-caps. Two giant bottle nec and stoppers are employed, a new cap being put on eve few hours, so that the shrinking and fine appearance the finished article are well shown. The caps are n employed for sprinkler tops as well as stoppers and cork and being spirit-proof as well as air-proof, have distin advantages over other forms of capping for bottles perfume.

Walter Voss & Co., Ltd., occupy a corner sta devoted to horticultural requisites, such as fumigants a fumigators, insecticides, fungicides, fertilisers, and wee killers. Special attention is directed to the Nicot fumigator, intended for use with the "Nicotyl" or a liquid vaporising-compound, which sells at 1*s*. 3*d*. T firm have designed a simple and safe method of "cyani ing" by the use of the Harris' patent, by which it possible to cyanide any space without touching the cyani itself. The Woburn Bordeaux Paste is another specialit designed in part by Mr. W. A. Voss, F.C.S.; the pas is practically Bordeaux mixture in a new, improved, a cheaper form, which does away with all intricate mixing It can be had in jars of all sizes and in casks. Love of sweet peas (there are many) should obtain t firm's concise little book on this subject; and in ord to post chemists on how to do the horticultural speciali business, they have published a pamphlet on plant pests.

A. Wander, Ltd., is pushing Ovaltine, the pleasant nic food beverage, and dry extract of malt. Packed iarmaceutical preparations form, however, a large part tho exhibit, tablets, pills, and dragées making a ight and coloured display. Special attention is being lled to Marienbad anti-obesity tablets, silver-coated laud's pills, neurasthenia pills, tamarind dragées, rmalin tablets, and asthma-cure, which are supplied cked with chemist's own name and address. Malt-eam caramels and raspberry-syrup (made from Alpine spberries) are designed to attract the epicure. Pocket-halers are another special line.

F. Wolff & Sohn have a wide range of perfumes and ilet-requisites. The special perfumes are the Empire uquet, Florasma (an essence without alcohol), Tamara, ugère, Clymene, and Rose de Chiraz. Kaloderma soap an approved line, and a range of medical soaps will be tieed. There are also series of toilet-powders (Divina d Dew of Violet are specially nice) and hair-tonics, the t-named including Eau Philodermine Auxoline.

Vincent Wood shows samples of the products made at s works in London and Nottingham. These include isses, belts, chest-expanders, braces, bandages, and stic hosiery. A new pattern in chest-expanding braces named the "Perfect"; it is so shaped as to avoid dis-nfort beneath the arms. Eureka crêpe velpeau bandage d Eureka Albion leg-bandage are other of Mr. Wood's cial manufactures.

Wright, Layman & Umney, Ltd., give pride of place packed pharmaceuticals and Wright's Coal-Tar prepara-ns. Penny lines have now been added to the former to et a demand created by the apprentice problem. Other w lines are cold cream of roses and cold cream of violets neat screw-capped octagonal opal pots. Lily-foam and el-foam are popular toilet-preparations recently added. mon linctus for the lungs is packed in attractive style, ich, in conjunction with the alliterative title, ought create sales. Salines, granular effervescent prepara-ns, and quinine-wine are staple lines which bulk largely the bright display. Wright Coal-Tar specialities have rly a whole stand to themselves, and afford an example a typical window-display.

Vyleys, Ltd., devote their stand to packed pharma-tical preparations and specialities. "Vitano" medi-ed wine occupies the central position, being flanked on side by granular effervescent preparations and salines, on the other by emulsions. Show-jars of capsules and pressed pellets lend a bright appearance to the exhibit. fumes and packed photographic goods are also shown.

Teomans, Ltd., have a display of their ointment and s, and the sales scheme is being explained to visitors.

O'Neil Zetts & Co. devote their stand to displaying r dry-cleaning cloth ball. Special offers are being le for window-displays, while goods not sold are re-nable. "Own name" cloth balls are available. A t new showcard has recently been brought out.

Zotos, Ltd., the proprietors of Zotos sea-sickness remedy, e brought out a new showcard for the season, in the pe of a life-buoy. Zotos is now put up in three sizes, 1½*d.* (six capsules), 2*s.* 9*d.* (twelve capsules), and 10*s.* 6*d.* ty-eight capsules), all of which have their special lications—the smallest for a Channel voyage and the est for a trip to South Africa or Canada.

xhibits are also made by W. & T. Avery, Ltd. (dis-sing and counter scales), Salutaris Water Co., Flugel o., Dudley & Co., and "The Chemist and Druggist Australasia."

Poisoning Cases.

Eit fatalities, including one death by misadventure, have n recorded since our last issue.

cetic Acid.—At the resumed inquiry into the death of a l named Shorey (*C. & D.*, May 7, p. 699), the jury returned rdict that the child died from poisoning, but that there not sufficient evidence to connect anyone with the ad-stration.

loral Hydrate.—Clara Gentle, a Shevington nurse, com-ed suicide at Llanidloes last week with chloral hydrate.

tudanum was the poison used for self-destruction by ter H. Larner (45) at Eltham.

ium-poisoning was the probable cause, according to the ical evidence, of the asphyxia which caused the death of the child of Joseph Turner at Crewe. It was stated at the inquest that the infant had been given some patent medicine containing opium. The Coroner remarked that it was dreadful to hear that every year 20,000 infants died through taking concoctions of this sort. An open verdict was returned.

Oxalic Acid was the lethal agent used by Henry George Beaumont (33) at East Ham, London, E. A Pellon butcher named James Carter Dawson (50) poisoned himself by taking this poison.

Potassium Cyanide was used for suicidal purposes by Henry Bentley (23), of Bradford.

Salt of Lemon.—Alfred Barnes (21) died in the Epping Union Infirmary from the effects of taking salt of lemon with suicidal intent.

Spirit of Salt was used for suicidal purposes by Emily Yates (30), domestic servant, Malvern.

Auto-inoculation.

THIS was the subject of Sir Almroth E. Wright's lecture at the Royal Institution on Friday evening, May 7. The lecture-theatre was well filled. The lecturer first spoke about bacteria, regarding which, he said, there are many superstitions. One superstition is that it is possible by the use of a surgeon's knife to get rid of bacteria, and there are others, the greatest of which is the superstition that one can cure diseases by drugs. Not one drug in the Pharmacopœia can kill off bacteria in the interior of the body. So far from doing good, drugs more often do harm. There are three drugs—quinine, mercury, and arsenic—which kill off filaria and trypanosomes, but these organisms are comparatively high up in the order of nature, and are consequently very delicate. Bacteria are lower down in the stage of evolution, and are very tough, so that no drug can touch them. But we must have the power to kill off these microbes or we could not long survive, and the man who is endowed by nature with a system that can resist bacteria is a much better man than one of great intellect who has no such power. Every individual has an individual susceptibility, and the microbes are sure to find it out. The ancients who were dipped in the Styx had to be held by the heel or the hair, and there was always one vulnerable spot left. We may have a protective power over non-infective diseases, but none of us have any protective power against infectious diseases. Explanations of the theories by which microbes are resisted and killed off were then given, and the lecturer proceeded to explain what vaccines are, and how they act. A vaccine consists of a solution of killed bacteria which contains certain protective substances. The vaccine does not itself kill the microbes. It is a stimulus. It works not by action, but by reaction. The effects of a large and a small dose of vaccine are different. If a small dose is given protective substances are produced, but too large a dose may kill these substances. To illustrate this on a scale that could be seen by the audience, the lecturer showed a series of tubes in which clear fluid was turned red by a small dose of vaccine, and not affected by a large dose, and in which the red colour of a fluid was altogether discharged by excessive dosage. One great object of surgery is to evacuate a diseased area of infected material, and to allow the body fluids to have an opportunity of killing off the bacteria. Various methods had been used for hundreds of years for the purpose of increasing the flow of infected material, such as poultices, massage, and Bier's bandage. Massage, for instance, drives out the protective substance into the blood stream, but if it be overdone it may do harm. In the case of a boil at the back of the neck, inoculation is made in the arm, and this prepares a protective substance which flows into the blood and assists the substance at the neck. Auto-inoculation is constantly going on, and in this way nature cures disease. The lecturer showed some lantern views illustrative of the graduated exercises in the tuberculosis institution at Frimley. At first rest is enjoined, then gentle exercise by walking, then carrying stones, then gardening work, and lastly heavy navvy work. A water-reservoir has been dug by the patients there. During the lecture reference was constantly made to diagrams to explain positive and negative phases, and to show the effects of surgery as compared with vaccination. The lecture was listened to with close attention, and at the close large numbers adjourned to the library, where there was a display of vaccines and apparatus, under the charge of Mr. MacAlley, of Messrs. Parke, Davis & Co.

Trade Report and Market Review.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers stock the goods. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are obtained for selected qualities of natural products even in bulk quantities. Retail buyers cannot, therefore, for these and other reasons, expect to purchase at these prices.

42 Cannon Street, London, E.C., May 12.

THE death of King Edward VII., which occurred after the close of our last report, interrupted the course of business when the news was made public, and immediate steps were taken to close the principal commercial resorts in the Kingdom, business being entirely suspended for the day. The Proclamation of King George V. from the steps of the Royal Exchange took place on Monday, and was the signal for the resumption of trading, which, however, in the face of national misfortune and the approaching holidays, has been anything but brisk. The market alterations are mostly slight, and include a firmer tone in citric acid and foreign tartaric acids owing to the dearness of raw materials and the approach of the principal consuming season. Chloral hydrate has been in demand at the decline. Cocaine is neglected, and morphine is firm. Among the heavy chemicals the principal changes include easier to lower rates for ammonium sulphate, copper sulphate, lead salts, and sodium nitrate. In drugs, Norwegian cod-liver oil is easier, as a result of continued prolific fishing at Finmarken. Buchu-leaves are firm at last week's advance; cubebs are still held for extreme rates. Jalap has been in better demand, and higher prices are asked for Mogador orris. Cumin-seed and linseed are firm. Lemon and bergamot oils are in better request, and higher rates are asked for African geranium oil. In "outside" articles, vanilla was easier at auction, shellac is a shade firmer, indiarubber is lower, and turpentine is dearer. The principal changes have been as follows:

Higher	Firmer	Easier	Lower
Citric acid	Acacia (Soudan)	Castor oil	Aloes (Socotrine)
Geranium oil (African)	Orris (Mog.)	Cod-liver oil	Ammonia sulphate
Gum, Senegal	Sulphur	Copper sulphate	Indiarubber
	Tartaric acid (foreign)	Soda nitrate	Lead salts
		Vanilla	

Cablegrams.

BERGEN, May 11.—The cod-fishery at Finmarken continues rich, and the market for finest non-congealing Lofoten oil is easier at the equivalent of 103*s.* 6*d.* per barrel, c.i.f. terms.

NEW YORK, May 12.—Business in drugs is quiet. Opium has advanced by 40c. per lb. to $6 for druggists' by single cases. Cascara sagrada is firmer. Guarana is lower at $2.75 per lb. Curaçao aloes is higher at 9c. Hydrastis (golden seal) is firm at $2. Peru balsam is dearer at $1.65. Jalap is irregular at 20c., and peppermint oil is unaltered at $1.90 per lb.

London Markets.

ACID, CITRIC, is somewhat scarce on the spot, the price of English now being 1*s.* 4½*d.* and foreign 1*s.* 4¼*d.* per lb.

ACID, TARTARIC.—The fact that the very cheap parcels of foreign make have now been absorbed has given prices a firmer tendency at from 9⅝*d.* to 9¾*d.* per lb., English being unaltered at 10*d.*

ALOES.—The *Kildonan Castle* has brought 50 packages from Mossel Bay. There have been no arrivals at Curaçao. Socotrine in kegs are offered at the easier rate of 80*s.*, and several cases of Zanzibar in skins have changed hands.

ANISEED is still quoted at 25*s.* per cwt. for Russian, but the demand is slow.

ARAROBA.—Fourteen packages have arrived from Bahia.

BENZOIN.—Small sales of good, medium-size, loose Siam almonds have been made at 20*l.* to 21*l.* per cwt. There have been no arrivals, while the deliveries of Sumatra remain good.

BUCHU.—Firm. A fair proportion has been sold since the auction, the sales totalling about a dozen bales of round green at 3*s.* per lb.: ovals are still obtainable at 1*s.* 6*d.* The *Kildonan Castle* has brought 30 packages from Cape Town, of which 15 are for the Continent and 15 for London, the latter including 5 bales "ovals."

CAMPHOR (CRUDE).—Small sales of China crude have been made at 147*s.* 6*d.* to 148*s.* per cwt. spot; and for shipment the higher price of 148*s.* 6*d.* c.i.f. is asked.

CAMPHOR (REFINED).—Steady, with sales of 2½-lb Japanese slabs at 1*s.* 6*d.* c.i.f. for May-June shipment, and at 1*s.* 7*d.* c.i.f. for 1-oz. tablets; spot sales of slabs have been made at 1*s.* 6½*d.*, and 1-oz. at 1*s.* 7*d.* per lb.

CANARY-SEED is unchanged at 40*s.* to 42*s.* per quarter for Turkish and ordinary Morocco. Fine qualities are firm, but there is little business doing.

CARAWAY-SEED is steady at 28*s.* 6*d.* to 30*s.* per cwt. for fair to good Dutch on the spot.

CHLORAL HYDRATE.—The decline announced last week has had the effect of stimulating the speculative demand. A circular sent out by a leading maker quotes small lots at 1*s.* 3*d.*, 56 lb. at 1*s.* 1½*d.*, and 1-cwt. lots at 1*s.* 1*d.* per lb. net, free London in bond; duty 1*s.* 9*d.* per lb. extra. It appears that the convention which has been dissolved had long been disturbed by undercutting.

CLOVES.—At auction small sales of Zanzibar were made at 4⅞*d.* per lb. for fair rather stalky. The arrival and delivery markets have been steady but quiet, the small business done including June-August delivery at 5½*d.* and sellers. For arrival, September-November shipment, sales have been made at 4 15/16*d.*, c.i.f., d.w.

COCAINE is practically without demand at the official rate of 6*s.* 11*d.* per oz. less 5 per cent. in 70-oz. lots.

One of the makers, in the course of his monthly report, states that the precarious situation into which the cocaine business was precipitated at the end of March through the incomprehensible proceedings of some makers acting under a "community of interests" agreement, was accompanied by further deplorable consequences, causing vexation to everybody. A few makers consequently decided not to continue this policy, some of them raising their prices, others withdrawing for the time being. It is obvious that business suffers from the uncertainty caused by the tactics of the above mentioned group of makers.

COPPER SULPHATE.—At the close of last week the Liverpool quotation declined to 17*l.* 15*s.* per ton, at which it now stands.

CORIANDER-SEED is selling steadily at 8*s.* to 9*s.* per cwt for wormy Morocco, and at 9*s.* 6*d.* to 10*s.* 6*d.* for ordinary sound to good quality.

CUBEBS.—An arrival of 10 bags has taken place from the Continent, of which part has been sold, the remainder being held for 210*s.* per cwt.

CUMIN-SEED is firm, and the stock of Morocco on the spot has been diminished considerably lately. The quotation is given at 32*s.* 6*d.* to 35*s.* per cwt. for ordinary dusty to fair. Malta is held for 40*s.* per cwt.

RAGON'S-BLOOD.—The *Sunda* has brought 20 cases from Pang, the bulk of which is good reboiled lump; this d ription is wanted.

LEMI.—Some 60 cases have recently been sold at be- n 45*s.* and 50*s.* per cwt., the higher price for good p.

NUGREEK-SEED.—Retail sales are reported at 11*s.* per for good Morocco.

ALLS.—Persian blue are obtainable on the spot at 58*s.* cwt. So far there has been no increased demand on part of the dyers, as might have been anticipated.

AMBOGE.—Fair Siam pipe, slightly blocky, is offered *l.* 10*s.*

NGER.—The sales in Liverpool include 10 tons Sierra e, arrived and due at 39*s.* from the quay in transit.

M ACACIA.—Soudan sorts are firmer, with offers at per cwt. c.i.f.; small sales have been made on the at 33*s.* to 34*s.*, as to quality. Senegal is higher, spot ers asking 34*s.* for new crop Bas de Fleuve, and to e 31*s.* f.o.b. Bordeaux is quoted. Among East Indian scented Aden is offered at 30*s.* per cwt., and No. 1 ti at 34*s.* c.i.f.

DIARUBBER.—At the adjourned auction held on Monday Tuesday about 195 tons plantation were offered, about hirds of which found buyers at an irregular decline of *d.* to 2*s.* 6*d.* per lb., from the top prices realised at on on April 19; fair to fine smoked sheet realised 10*s.* 8*d.* to 11*s.* 5*d.*; medium grades of plantation bought in, practically all buyers refusing to bid. private market for hard fine Para has been quiet and , closing at 10*s.* 5½*d.* to 10*s.* 7*d.* on the spot and May delivery. Judging by the imports from the Straits ements, the output of plantation rubber is increasing ly.

SECT-FLOWERS have been in more demand, and although prices remain high, primary markets are in an easy tion. Agents offer closed at from 165*s.* to 170*s.* c.i.f. on, as to quality.

JAP has been in fair inquiry with sales at 10*d.* per lb. ber without analysis, but for 10 per cent. to 12 per 1*s.* 2*d.* spot is asked. The London stock in the drug ouse on April 30, according to the statistics, was 15 only.

IE-JUICE.—There appears to be no West Indian *con- ated* on offer; nominal value is about 18*l.* 10*s.*

ISEED is firm at 68*s.* 6*d.* to 70*s.* per quarter, for clean y.

LICORICE-ROOT.—A new parcel of cut decorticated is d at 47*s.* 6*d.* per cwt.

CE.—Steady. At auction 72 packages West Indian ncluding good pale at 1*s.* 11*d.*, fair at 1*s.* 8*d.* to 1*s.* 9*d.*, ark red to fair red 1*s.* 7*d.* to 1*s.* 8*d.*, with broken at *l.* to 1*s.* 6*d.* per lb.

NTHOL.—The spot demand has recently shown an im- ment on export account, Suzuki having been sold at *l.* per lb., with 8*s.* 7*d.* asked for Kobayashi.

RPHINE remains firm, with the makers quoting from *d.* to 8*s.* per oz. for hydrochlor. powder, as to quantity.

TMEGS sold at firm rates in auction, 222 packages West n being disposed of.

, BERGAMOT.—A slight improvement in demand in is reported, but prices vary little at from 14*s.* 9*d.* *s.* c.i.f. as to shipper; spot is quoted at from 15*s.* *l.* 6*d.*, with rather more inquiry.

, CASTOR.—Hull make is lower at 30*l.* per ton for pressing in barrels for June to December delivery, red free on wharf London. Belgian firsts is 32*l.* for t and 30*l.* 10*s.* for June-December ex wharf London. seconds Calcutta is quoted 3¾*d.* per lb. spot in ool.

, COD-LIVER.—Our Bergen correspondent writes on 2 that the output of the Finmarken fishing during st week was very rich—about 5½ million cod, with barrels of oil—and it is doubtful if a richer catch in ngle week has ever been reported before from this t. The prospects for further fishing are still fair, e number of fishermen in Finmarken is considerably more than at the same date of last year. The total reports from all the cod fisheries give the following results:

	1908	1909	1910
Catch of cod (millions) ...	39.0	48.7	44.5
Yield of cod-liver oil (barrels)...	43,000	39,000	29,100
Livers for "raw" oils (hect.) ...	19,200	21,500	15,000

The tendency of the market is rather weak. The nominal quotation for finest non-congealing Lofoten cod-liver oil is still 105*s.* 6*d.* per barrel c.i.f. (see cable), but at this figure there are no buyers. The exports from Bergen up to date amount to 3,880 barrels, against 5,230 barrels at the same date of last year. In London prices are easier, agents offering at from 105*s.* to 107*s.* 6*d.* c.i.f. terms, but the demand is slow.

OIL, GERANIUM.—African is dearer, holders asking 14*s.* per lb. for pure.

OIL, LEMON.—Business at primary sources, according to recent reports, continues of a retail description, but it is thought speculation will again be evident shortly. Should any large purchases take place on such account, prices, it is thought, would be forced up, especially when the foreign demand for summer requirements appears. On this side it is thought that prices have now touched their lowest, and holders of finest quality ask 3*s.* 6*d.*, with sellers to arrive at 3*s.* 2*d.* to 3*s.* 3*d.* c.i.f.

OIL, NEROLI.—The distillation is now in progress, but prices of the new will not be fixed until next month.

OIL, ORANGE.—Quite neglected at primary sources; sweet is offered at 5*s.* 9*d.* and bitter 6*s.* per lb. c.i.f.

OILS (FIXED).—*Linseed* closes flat and lower at 35*s.* 3*d.* in pipes (E.I. 10*s.* extra), and at 35*s.* 3*d.* in barrels. Crude *Cottonseed* is quiet and slightly easier at 31*s.* 3*d.* on the spot, refined ordinary pale being quoted at 32*s.*, and sweet refined at 36*s.* *Soya* is 1*s.* per cwt. easier at 30*s.* naked on the spot. Ceylon *Coconut* is steady at 45*s.*, and Cochin at 50*s.* on the spot. *Rape* is easier at 27*s.* 6*d.* for ordinary brown crude, at 29*s.* 9*d.* for English refined in casks, and at 28*s.* for Jamba. *Petroleum* is nominal at 7*d.* to 7⅛*d.* for water-white, 6*d.* to 6¼*d.* for American, and 5¾*d.* for Russian on the spot. Lagos *Palm* oil is quoted at 33*s.* 6*d.* spot and 32*s.* in Liverpool. *Turpentine*, on balance, shows an advance of 9*d.*, American spot closing at 44*s.* 3*d.*, and June delivery at 43*s.* 6*d.* per cwt.

OPIUM.—With the continued favourable outlook regarding the new crop, buyers continue to hold off, and practically no business has been done. Spot quotations for Turkey druggist's are from 16*s.* 3*d.* to 16*s.* 6*d.*; speculative offers of new manufacturing (10¾ per cent.) for August delivery are being made at 12*s.* to 12*s.* 6*d.* Soft-shipping is nominal at 20*s.* spot, stocks being practically non-existent. Persian is quoted 19*s.* to 19*s.* 6*d.* spot.

Writing on April 29, a Smyrna correspondent states that the sales consist of only four cases extra selected Karahissar at 16*s.* 6*d.* Last week's purchases by an American shipper were not for the States, but for account of the Dutch East India Government. There is still a month before we can be certain of the crop, which up to now is doing very well. The arrivals to date amount to 1,938 cases, against 2,050 cases, and in Constantinople 2,456 cases, against 2,047 cases. Another Smyrna correspondent, writing on April 30, states that the sales during April amounted to 132 baskets, including 100 for account of the Dutch Government, to whom holders tendered 70 baskets (about 50 cases) more at 15*s.* 10*d.* f.o.b. Smyrna. It is likely this offer will be accepted; stock amounts to about 230 baskets, including poor grades and the above-mentioned 70 baskets tendered. As soon as the Dutch Government ceases buying (it is said to want 200 cases in all) holders will probably accept lower figures for what remains unsold. The new crop is progressing very favourably, but shipments of new cannot be expected before about July 20. A third correspondent, writing on April 30, states that either the business (100 cases) mentioned in his last report was not so important as imagined, or the execution was not to be immediate, as the buyer has not taken steps to replace the 28 cases rejected out of the 63 cases purchased. The sales are four cases extra Karahissar t.q. at the equivalent of 16*s.* 2*d.* c.i.f. In the course of a Smyrna monthly report of April 30, it is stated that 132 cases changed hands during the month at 16*s.* to 16*s.* 6*d.*, market closing with more or less willing sellers at above figures. Stock is about 365 cases, in the hands of three or four strong holders; stock last year at same date was about 1,326 cases, and in Constantinople it is about 44 cases only, against 158. Weather continues exceptionally favourable for the new crop.

Orris.—The spot stocks of Mogador have been further depleted, it being stated that there are about 20 bales available, for which 28*s.* is wanted; to arrive business has been done at 29*s.* 6*d.* c.i.f.

Otto of Rose.—The reports from the Bulgarian rose districts continue to be extremely favourable, judging by various advices received in London. Beneficial rains have fallen just at the most needed time, helping the rose bushes to throw out rich and heavy yields of buds. The harvest is expected to begin in the most southern localities in a week, and in the greater part of the rose district in a fortnight. This will be about ten days in advance of the usual time, and the earlier the crop begins the better the chance of a rich crop. At the time of writing it is not thought prices will be much lower, it being stated that there is very little stock of genuine otto left over.

Pepper (Black).—At auction no Singapore was offered. Privately, the arrival market for Singapore is steady, the sales including 50 tons at $3\frac{15}{32}$*d.* for June-August shipment and $3\frac{9}{16}$*d.* for August-October. On the spot demand is slow at $4\frac{1}{16}$*d.* for fair Singapore.

Pepper (White).—At auction, 40 bags fine Singapore sold at $6\frac{5}{8}$*d.* per lb. Privately, the business for arrival includes Singapore near at hand at 6*d.*, with sellers of May-July shipment at $6\frac{3}{16}$*d.*, and June-August buyers at $6\frac{3}{16}$*d.*, c.i.f., d/w. On the spot sellers of fair Singapore ask $6\frac{1}{2}$*d.*

Quicksilver.—The first-hand price remains unaltered at 9*l.* per bottle, but second-hand is slightly firmer at from 8*l.* 16*s.* 6*d.* to 8*l.* 17*s.*

Quinine.—The feature is the import figures published in the Board of Trade Returns given on another page. Otherwise the market is quiet and unaltered at $7\frac{1}{2}$*d.* for German sulphate from makers, and $7\frac{1}{8}$*d.* nominally from second-hands for comparatively new, $6\frac{3}{4}$*d.* for Amsterdam, and $6\frac{5}{8}$*d.* for Java.

At the auction of quinine held by the Amsterdam Quinine-works on May 6, 1,417½ kilos. Ed. H. were sold at the average price of 10.52fl. per kilo., against 10.32½fl. paid at previous auction. Next auction will be held on May 20.

Sarsaparilla.—Genuine grey Jamaica is scarce, with small sales from second-hands at 1*s.* 4*d.* The arrivals comprise 34 bales Lima-Jamaica, 20 bales red-native, and 30 bales grey-Jamaica are close at hand. These arrivals will await public sale on June 2.

Shellac.—At auction 340 cases were offered, and about 270 sold, chiefly without reserve, at easier rates for fine orange, and fair to good second orange; garnet was steady and button easier. Fine orange MP in diamond realised 80*s.*, bright reddish SRR in diamond 79*s.*, good flattish red free OK in circle 73*s.* to 74*s.*, bright curly free E & O III. 73*s.*, slightly matted 70*s.*, strong reddish 68*s.* to 69*s.*, palish flat free 67*s.* to 68*s.* TN quality, flat reddish free 64*s.* to 65*s.*, ordinary dark weak livery partly matted 57*s.* to 58*s.* Garnet (25 cases) cakey GAL 55*s.*, and button (46 cases) fine pure tongue 87*s.*, dark stamped cakes 67*s.*, fair free BL 63*s.*, broken 57*s.* to 62*s.*, fair No. 3 50*s.* per cwt. Privately the market has been steady but quiet with small sales of TN standard orange at 67*s.* to 68*s.*; to arrive TN for October-December shipment has been sold at 71*s.* to 69*s.* 6*d.* c.i.f. Futures are steady, the sales including May delivery at 68*s.* 6*d.* to 67*s.* 6*d.*, August 69*s.*, and October 72*s.* per cwt.

Sulphur is firmer at from 6*l.* 5*s.* to 6*l.* 7*s.* 6*d.* per ton for flowers, and 6*l.* for roll.

Tonka Beans.—Extreme scarcity prevails in New York, and Angostura have been marked up to $1.50 to $1.60 per lb. as to quantity and seller.

Turmeric.—Madras is quiet with sellers of dull to fair bright finger at from 20*s.* to 23*s.*, and Bengal at 19*s.* to 19*s.* 6*d.*, or 16*s.* c.i.f. for June-July.

Vanilla.—At auction 188 tins were offered, and sold at practically previous sale price to 6*d.* per lb. lower. Seychelles, firsts 5½ to 8 in., 12*s.* to 13*s.* 6*d.*; seconds, 4 to 8 in., 11*s.* 6*d.*; brown and split, 10*s.* 6*d.* to 11*s.* Bourbon, firsts, 5 to 8 in., 12*s.* to 14*s.* 6*d.*; seconds, 4½ to 6½ in., 11*s.* to 11*s.* 6*d.*; foxy and split, 10*s.* to 11*s.* 6*d.* Madagascar, firsts, 8 in., 15*s.* 6*d.*; 4 to 7½ in., 10*s.* 6*d.* to 14*s.* 6*d.*; brown and split, 10*s.* 6*d.* to 11*s.* Ceylon, foxy and split, 10*s.* 6*d.* to 11*s.* Mauritius, firsts, 4 to 7½ in. 12*s.* to 13*s.* 6*d.*

Wax, Carnauba.—Extreme prices have been paid for yellow on the spot, and for yellow sellers ask 125*s.* per cwt.

Wax, Japanese.—Arrival business has been done at 37*s.* 7½*d.* c.i.f., and the spot value is 41*s.* to 41*s.* 6*d.* per cwt.

Heavy Chemicals.

Although there is no new feature of very special importance to be reported as regards the heavy-chemical market, there is a good all-round and general demand to be recorded. Exports more especially stand well, and bleaching-powder and soda-products may be specially mentioned. Values ruled steady at well-maintained figures.

Sulphate of Ammonia.—This market is very quiet, and there is little or no new business of any importance either on home or export account. Nominal quotations are lower, and following are the nearest present figures: Beckton, 12*l.* Beckton terms, 11*l.* 12*s.* 6*d.*; London, 11*l.* 12*s.* 6*d.*; Leith, 11*l.* 18*s.* 9*d.* to 12*l.*; Hull, 11*l.* 15*s.* to 11*l.* 7*s.* 6*d.*; Liverpool, 11*l.* 17*s.* 6*d.*

Lead-products are on the quiet side, and prices are lower since last quoted. White lead, 16*l.*, and red lead, 15*l.* 5*s.* per ton Tyne; white acetate of lead, 23*l.* to 23*l.* 5*s.*; brown acetate of lead, 20*l.* 15*s.* to 21*l.*; nitrate of lead, 25*l.* 15*s.* to 26*l.*, all per ton, less 2½ per cent. Glasgow.

Alumina Products are moving somewhat better at lower values. Crystal alum lump, 5*l.* 5*s.* to 5*l.* 12*s.* 6*d.*; lump in tierces, 5*l.* 10*s.* to 5*l.* 17*s.* 6*d.*; and ground in bags, 5*l.* 15*s.* to 6*l.* 2*s.* 6*d.* per ton free on rails Lancashire or Yorkshire, or f.o.b. Hull, Goole, or Liverpool. Sulphate of alumina, pure qualities, practically free of iron, ordinary strength 4*l.* 12*s.* 6*d.* to 5*l.* 2*s.* 6*d.* per ton in casks, with usual extras for similar pure quality in higher concentrations and customary allowances for bags and loose slabs. Aluminous cake 50*s.* to 57*s.* 6*d.*, and alumino-ferric, 50*s.* to 57*s.* 6*d.* per ton in accordance with quality, quantity, and condition. Hydrate of alumina, purest quality and high strength, Al_2O_3, 12*l.* 10*s.* to 13*l.* 10*s.* per ton in large casks free on rails. Special purest hydrate of alumina, 15*s.* to 17*s.* 6*d.* per cwt. c.i.f. Special purest quality dried and in lumps, 35*s.* to 37*s.* 6*d.* per cwt. c.i.f., and ground, 37*s* 6*d.* to 40*s.* per cwt. Aluminate of soda, pure quality and high strength Al_2O_3, 27*s.* 6*d.* to 30*s.* per cwt. Carbonate of alumina, 32*s.* 6*d.* to 35*s.* per cwt.

Manchester Chemical-market.

May 10.

The returns of exports for April of heavy chemicals are again satisfactory, both as to quantities and values. Caustic soda has been in better request for export, and it is difficult to obtain delivery in quantity. Bleaching powder, soda crystals and saltcake are steady. Sulphate of copper continues dull, and in buyers' favour. There does not seem much prospect of improvement, although raw copper is quoted rather higher to-day. There has been a better demand for prussiate of soda and potash. Yellow prussiate is quoted 4¼*d.* and soda $2\frac{7}{8}$*d.* per lb. Caustic potash, 88-90 per cent., steady at 22*l* 15*s.*, and carbonate at 12*l.* to 12*l.* 5*s.* There is a steady feeling in brown acetate of lime at about late rates. Tartaric acid favours holders, and prices are practical nominal. Coal-tar products show little change, and sulphate of ammonia remains at 11*l.* 12*s.* 6*d.* to 11*l.* 13*s.* 9*d.* per ton, c.i.f. rails Manchester.

Continental Drug and Chemical Markets.

Buchu.—Owing to good demand from consumers, prices have risen suddenly. Quotations for good round green leaves are now m.7 per kilo.

Citric Acid.—Despite the steady reports for raw material from Italy, demand on the part of consumers is absent, and crystals are selling at m.285 per 100 kilos. ex warehouse and m.280 for delivery.

Dextrin.—The market for raw material is dull; there is little inclination to buy, and it is thought that second-hands have covered their needs for some time to come. For new business, confidence is lacking, and in the circumstances it should be possible to cover immediate requirements at cheap rates.

Ergot shows a rising tendency, as offers from Russia are few; but a decline is hardly anticipated, as consumers have been buying freely recently.

Kola.—Supplies have for some time past been quite insufficient: it is true some stocks are on hand, but in view of the good demand, further supplies will be necessary to obviate a fresh advance. For good qualities from m.65 to m.70 being paid.

Naphthalene.—Transactions are at present chiefly under the control of second-hands, who have bought up makers' output. Where large quantities are on hand low prices are quoted in order to clear. Quotations of m.14.50 to m.15 per 100 kilos. are being met with.

Correspondence

Memoranda for Correspondents.

ll communications must be accompanied by the names and addresses of the writers, otherwise they are not recorded.

ueries by subscribers on dispensing, legal, and miscellaneous subjects pertaining to pharmacy and its allied trades are replied to in these columns, if they are of general interest.

etters submitted to the Editor for publication (if suitable) should be written on one side of the paper only. Their publication in the "C. & D." does not imply our agreement with the opinions of the writers.

Freneh Tribute to King Edward VII.

M. Georges Soennen, Direeteur Commercial de la Suceur-e de la Pharmaeie Centrale de France, 3 Rue Ste. Marie s Terreaux, Lyon, adresse à Monsieur le Directeur du IEMIST AND DRUGGIST l'expression de sa respectueuse mpathie et l'assurance de toute la part qu'il prend au uil qui frappe la grande nation Anglaise. Tout bon ançais ami de l'Angleterre ressent douloureusement la te que vous faites, car cette mort si prématurée est une euve douloureuse pour tous ceux qui vous estiment.—on, 7 Mai, 1910.

Place aux Dames!

IR,—By some curious oversight in my address pub-ed in your journal last week, I omitted to address myself he ladies as well as to the gentlemen who are members the Pharmaceutical Society. I trust you will allow me ee to offer my apologies, which I certainly very sincerely to the ladies, for I am convinced there is an important e for women in British pharmacy.

Yours very truly,

xeter, May 10. PHILIP F. ROWSELL.

"Boots" in the North.

IR,—Our advent in the North is not a formidable ex-ion. We have long been desirous of rounding off our ness by having a depôt in Prince's Street, Edinburgh.

r. Inman had acquired premises there, and by taking his business we get the opportunity we desire, together the active sympathy and help of an old friend.

en years since, when Mr. J. H. Inman died, Mr. William an offered us the Newcastle branches, but as at that we had no business further north than Sheffield we did accept the offer. Now that we have opened out on the h-east coast we are glad to acquire them.

e are not contemplating any vast northern extension, are not approaching any other firms or companies with w to their absorption.

Yours faithfully,

ottingham, May 7. JESSE BOOT.

essrs. Cockburn & Co., Ltd., Glasgow, also write to say the rumour that Boots, Ltd., had acquired their busi-is "absolutely without foundation."

Pharmaeopœia as a Standard.

R,—I read Mr. Parry's paper very carefully, and I I attached the meaning to his words which they d ordinarily bear. In regard to Hudson *v.* Bridge, he y:

o far as I have been able to examine the judgment in case, it carries one no further than this. Where the sh Pharmaeopœia describes a method of manufacture e of its drugs, in which a certain quantity of a certain dient enters into the process, and in the course of evi-it is proved that the whole quantity of that substance not necessarily appear in the finished product, then the ity prescribed for the process of manufacture is not to garded as a standard for the finished product."

y good. Liniment of camphor is a drug in which the quantity of the camphor "does not necessarily appear e finished product," and yet quite a number of men been fined just because of that theoretical deficiency. ought not to have been fined, if Mr. Parry's interpre-is correct. That is all I meant to say in that conne-n. The reference to the Board of Agriculture's ard for milk furnishes a good argument against absolute standards, because it is well established that genuine milk sometimes contains less than 3 per cent. of fat. It would be better just to say that the milk must not be deteriorated by removing fat, adding water, or otherwise. A man should be fined for tampering with the milk even though it is fully 3 per cent. I do not understand the gin case which Mr. Parry quotes in his article. As regards whisky, the Excise have a minimum strength, under which no one dares to sell it. I do not see why gin can be on a different footing.

I disagree absolutely with Mr. Parry's remark:

"The monograph on opium deliberately directs the dilution of opium with sugar of milk, so as to injuriously affect the potency of the drug. The motive of such dilution is immaterial. It is an offence under Section 4 of the Act, and, as a standard, rebuts itself by its illegality."

No such thing. Pulv. opii is a prepared or compounded drug, not a natural drug, and the quality and potency are not affected injuriously, but beneficially. The purchaser might be affected injuriously if he received 18 per cent. strength instead of 10. I am quite aware that Mr. Parry dealt with the matter from a strictly legal point of view, yet towards the end of his paper he says, "In concluding this article, which is intended to invite discussion on the whole question of British Pharmacopœia standards," he could hardly expect everyone to discuss the subject from the same standpoint as himself.

Yours very truly,

Edinburgh, May 9. D. B. DOTT.

Cheltenham Assistants' Protest.

SIR,—We, the undersigned assistants of Cheltenham, beg to state that we were not present at the meeting held by Mr. J. M. Dowty at Melrose Villa on April 29, and must therefore disclaim any participation in the proceedings thereof. We should also like to point out that this meeting consisted of three persons, one of whom was Mr. Dowty himself.

Yours faithfully,

William Palmer	E. S. Butler	O. Kersey
Stanley Palmer	F. Saunders	A. D. Collier
Frank Williams	R. E. Lloyd	A. E. Lane
F. Gordon Mills	Alfred Preston Archer	S. R. Bemrose
W. G. Humphrey	R. M. Williams	J. Mansbridge
Chas. J. Elliott	Stanley S. Pearce	F. E. Mason

Mr. George Jelf (Cheltenham) also writes on the same subject. He was present at the meeting, along with Mr. Dowty and a fellow-assistant of the latter. Mr. Jelf says: "Mr. Dowty took upon himself to write up the report; this I was to have seen before it was sent for publication, but it was never shown to me, and, had it been, I should certainly not have agreed for a report of that nature to have been published. I must say on first meeting and conversing with Mr. Dowty I was much inclined towards his views, and in some measure sympathetic towards the N.U.A.P., but so long as gross mis-statements such as these are published I shall certainly not think of joining." [This amusing exposure has a serious aspect for Mr. Dowty at the present juncture. It implies more than discourtesy to the journals which have given Mr. Dowty the hospitality of their columns, for it is a reproach to the N.U.A.P. and all its works.—EDITOR *C. & D.*]

P.A.T.A. Profits.

SIR,—In reply to the observations in last week's *C. & D.* on P.A.T.A. profits, Xrayser II. mentions the time when the P.A.T.A. was formed, and that prices were satisfactory then. So they were; but times are different now, and the proprietary articles undoubtedly now form the greater bulk of chemists' sales, and that in itself gives sufficient grounds for an increased gross profit on proprietary articles. Again, Xrayser II. says that 20 to 33⅓ per cent. profit was considered ample at that time. I quite agree with your contributor; but the P.A.T.A. prices do not give that amount of profit, unless it is calculated on the purchase-price, and then on paper it looks very nice and satisfactory. But let Xrayser II. calculate the profit on the turnover, and then it has quite a different appearance. I can safely say that the average profit does not work out to more than 17 per cent. on the turnover of proprietary articles, and that is not sufficient to pay expenses of keeping open shop and paying assistants' wages, etc. Taking into consideration that proprietary articles are on the increase, it seems quite reasonable to demand at least 25 per cent. on the turnover, or 3*d.* in the 1*s.*; and if that was the case, I for one would be quite content. But the idea seems to be to lower the retailer's profit if the sales of an article are on the

increase, and an increased sale of proprietary articles means a decrease in the sale of drugs, etc., which a chemist has to rely on for a living. It appears to me that Xrayser II. looks upon the chemist as a meek and mild individual who has to be content with what is given him, and not entitled to hold a brief on his own behalf. My communication terminates again with a request for the opinions of other Associations through their honorary secretaries.

Yours, etc.,
J. H. Cooper,
Hon. Sec., Huddersfield Chemists' Association.
62 Westbourne Road, Marsh, Huddersfield.

Subscribers' Symposium.

(Information Solicited or Supplied.)

Galvanit.

Electroplate (165/43) would like to know our readers' experience in regard to the supply of Galvanit from the makers. He has written to them twice about an order, but has received no reply.

"Virol" Window-display.

In twenty years' experience I have never lent myself (or windows) to this sort of thing, and never will, even though I see, as I hope to, another twenty. But in view of the widespread dissatisfaction, I would like to ask two questions on the subject:

(1) A licensed grocer here had a full window-show at the time. Was the competition confined to chemists and druggists, or open to all traders?

(2) When will chemists "wake up" and cease playing this so apparent one-sided game?

Let them take the same interest in their own specialities, and themselves pocket the results.—*Scotch Villager.* (165/9.)

An Ilford Grievance.

Following on Messrs. Holman, Ham & Co.'s letter in this week's *C. & D.* relative to Ilford "Versatile" plates, I may say that similar correspondence has passed between Ilford, Ltd., and myself, as a result of which I informed the company that it was my intention to sell all other photographic specialities in preference to theirs, and to suppress these in favour of the productions of other firms.—*Gigner* (Chelsea).

Like Messrs Holman, Ham & Co., I have had some correspondence with Messrs. Ilford, Ltd., *re* their "Versatile" plate agency. It seems to me that this same plate is being run especially for the benefit of Boots, Ltd. Referring to your comment that Boots seem to have "got there first," I think you will find that Sir Jesse got there before the opportunity was offered to anyone else. I trust all photographic chemists will see the evil of this new Ilford system, and take action in the matter.—*A. H. Cartwright* (Dover).

Not Registered.

Mr. John W. Porter, J.P. (Coleford), to whom reference was made in our Personalities column last week, informs us that he is not a registered chemist and druggist. He adds: "I was apprenticed (five years) before examinations were compulsory, during which time, and seven years subsequently as assistant, I had little opportunity for acquiring the necessary knowledge to enable me to present myself, although as a practical man behind the counter I gave every satisfaction. Living as I do in a town in which all the doctors do their own dispensing, I am quite content to plod along as an unqualified retailer of non-poisonous drugs and patent medicines, leaving the 'penn'orths' of oxalic acid, etc., to my qualified neighbour. Had the Pharmaceutical Society instituted an examination bearing on everyday counter-trade and dispensing, I would have lost no time in presenting myself before the examiners."

Legal Queries.

Consult the legal information in "The Chemists' and Druggists Diary," 1910 before writing about your difficulty.

D. M. (163/62).—Ol. origani is not a scheduled poison.

J. H. (165/35).—As a registered chemist you are entitled to put up the sign "Store Chemist and Pharmacist" on your shop.

Madam (157/33).—A chemist who is not a registered dentist may place in his window a card intimating that teeth are carefully extracted, without infringing the Dentists Act.

H. B. J. (157/34).—If your employer is willing to accept a fortnight's notice and a fortnight's pay in lieu of a month's notice, he may do so; but he is entitled to a month's notice.

Nemo (165/50).—An occupier of a house for less than three months is not liable for rates, so that in respect to the few days that you obtain possession of the house before quarter-day you should not be liable for the rates for the expiring quarter.

Anticram (163/13).—(1) Only licensed vendors of stamped medicines, such as Beecham's pills, may open packets of such medicines and retail them in pennyworths. The qualification of the vendor in such cases is the licence, not a Pharmacy Act certificate. (2) We are not acquainted with the legal claims of the firm you mention, and have not heard of any instance in which they have interfered with the use of the name of the preparation.

Cognomen (157/41).—The widow of A. B., a pharmaceutical chemist who was in business as such when he died, may, as executrix, carry on the business so long as it is conducted by a registered chemist and druggist or pharmaceutical chemist. If the title "pharmaceutical chemist" is used, the qualified assistant required by Section 3 (2) of the Poisons and Pharmacy Act, 1908, must be a pharmaceutical chemist, and his Major examination certificate or diploma should be exhibited in the premises. As to labelling poisons, see the article in our issue of April 23, p. 617, under "Name and Address."

Interested (164/73).—Section 32 of the Pharmacy Act (Ireland), 1875, enables the business of a deceased pharmaceutical chemist to be carried on by any executor so long as such business is carried on by a duly qualified assistant who is a pharmaceutical chemist. The use of the name of the executor in connection with the business is not prohibited, but "supervision" by such person will be illegal unless it is strictly confined to those duties which do not under the Act require the pharmaceutical qualification. If the person whom you name is not an executor, he may be breaking the law—for example, by supervising the compounding of medical prescriptions.

Anxious (156/61).—(1) Only registered chemists and druggists may sell quinine-wine without a wine-licence. A person who has served a four years' indentured apprenticeship is not a registered chemist. We do not think this can be avoided by regarding the wine as a known, admitted, and approved remedy, but you might address a question on the subject to the Secretary of the Board of Customs and Excise, Thames Street, London, E.C., and let us know his reply. (2) Winslow's syrup no longer contains a scheduled poison. (3) Heroin is a poisonous derivative of a vegetable alkaloid, and is in Part I. of the Schedule, while preparations or admixtures of it are in Part II.

Our Retrospect.

(From the "C. & D.," May 15, 1860.)

Mirror of the Month.

Cod-liver Oil and Glycerine form the subject of a little work just issued by Baillière. It is the production of Mr. Willmott, the author of "A few words about Poisons."

Extensive additions are being made to the school buildings of the Middlesex Hospital. A new chemical theatre, laboratory for practical chemistry, and room for histological and microscopical investigation are in course of erection.

The celebrated poison cup, presented by the Sultan Amurath III. to the Emperor Rudolph, which is beautifully inlaid with gold, set with pearls, rubies, emeralds, and turquoises, and standing four inches high, was sold last month at one of the principal auction rooms for 57*l.* 15*s.* only.

A memorial has been addressed to the Council of the College of Surgeons, by the surgeon-chiropedists, for incorporation with the College, on the same terms as they have admitted and granted certificates to the dentists. They also pray that the College will grant them a license to enable them to practise dentistry with chiropedism.

At the Chemical Society, Thursday, 19th April, 1860, R. Warrington, Esq., in the chair, the following papers were read: Messrs. Perkin and Duppa, "On the Artificial Production of Tartaric Acid"; Mr. C. E. Long, "On Crystallized Potassium and Sodium"; Mr. D. Howard, "On the History of Cinnamic Acid"; and Messrs. Wanklyn and Buckheisen, "On the Action of Sodium upon the Iodide of Methyl."

The Inland Revenue, Somerset House, in reply to an enquiry of Mr. J. B. Barnes, state that a license *is necessary* to any one selling medicated cocoa. In reply to Mr. C. E. Buckle, they state that persons selling the fluid extract of cocoa alone are not liable to any charge of license duty by that department. They also state that it is not necessary to take out a pepper license for the sale of Cayenne alone.

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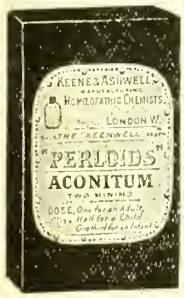

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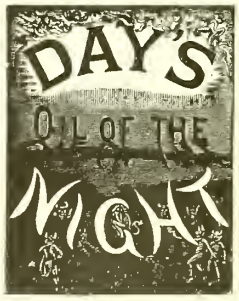

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Chloroform (Duncan). Manufactured from PURE BRITISH ALCOHOL.

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ALL THE ABOVE ARE **British Products** GUARANTEED TO BE ABSOLUTELY PURE AND ARE MANUFACTURED BY

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Post free, United Kingdom, 4/- per 2 oz. Bottle. Post free to any part of the World, 5/- per 2 oz. Bottle.

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SPERMINUM-POEHL

a natural constituent of the human organism, effects the oxidation of the products of the regressive metamorphosis, protects the cells against accumulation of pernicious auto-intoxications, and brings the reduced blood alkalescence back to normal, &c. Favourable results are obtained in cases of **NEURASTHENIA, NERVOUS DEBILITY, SENILITY, HYSTERIA, DISEASES of the HEART** (Myocarditis, Fat-heart), **SYPHILITIC CACHEXIA, TUBERCULOSIS, TABES, IMPOTENTIA** in **NEURASTHENIA, CHRONIC RHEUMATISM, RICKETS, GOUT, ANAEMIA,** &c. In cases of **OVER-FATIGUE** and for **CONVALESCENTS.**

ESSENTIA SPERMINI-POEHL is given 30 drops three times daily, ½ hour before meals, in Vichy or Milk. In serious cases **SPERMINUM-POEHL pro INJECTIONE** in ampullæ each containing one dose.

Manufactured in the Organotherapeutic Institute of PROFESSOR Dr. v. POEHL & SONS, St. Petersburg.

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Prices of Iron-Ox Tablets to the Trade.

One Shilling size	Under 6 dozen **10/-** per dozen net. Cash with order.
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Superior Cleansing Antiseptic and Disinfectant.

USED IN ALL THE PRINCIPAL HOSPITALS THROUGHOUT THE WORLD.

LYSOL is not a sticky coal-tar Disinfectant composed of crude carbolic acid and unrefined cresols, but an absolute cleansing antiseptic and disinfectant recognised and approved by doctors and nurses.

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Prescribed in the treatment of IMPOTENCE and STERILITY.

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12 Gold Medals. Established 1857.

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Our Cod Liver Oil guaranteed to be absolutely pure and the best ever made.

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A quick-selling and effective Cure for Eczema, Piles, and all Skin Diseases.

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EXTENSIVELY ADVERTISED to the GENERAL PUBLIC and in CONSTANT DEMAND.

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HUBBUCK'S PURE OXIDE OF ZINC.

*Sold by the following Wholesale Druggists in Boxes of **7** lbs. and **14** lbs., stamped by the Manufacturers; also in **1**-lb. Boxes and **1**-lb. Glass Bottles :—*

Allen & Hanbury's (Lim.).
Baiss Bros. & Stevenson (Lim.)
Barron, Harveys & Co.
Bell, Jno., & Co.
Bleasdale (Lim.) [(Lim.).
Boot's Pure Drug Co.
Burgoyne, Burbidges & Co.
Clay, Dod & Co. [Co.
Cockburn & Co. (Lim).
Corbyn, Stacey & Co.
Dakin Brothers.
Davey Hill & Co.
Duncan, Flockhart & Co.
Evans, Gadd & Co.
Evans Sons Lescher & Webb (Lim.).
Ferris & Co.
Gale & Co.
Glasgow Apothecaries' Co.
Glasgow New Apothecaries' Co.
Goodall, Backhouse & Co.
Harker, Stagg & Morgan.
Harkness, Beaumont & Co.
Hatrick, W. & R., & Co.
Hearon, Squire & Francis.
Hirst, Brooke & Hirst.
Hodgkinson, Prestons & King.
Hodgkinsons, Clarke & Ward.
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Ismay, John, & Sons.
Lofthouse & Saltmer.
Oldfield, Pattinson & Co.
Pinkerton, Gibson & Co.
Raimes, Clark & Co.
Raimes & Co.
Rankin & Borland.
Silversides, R. B. G.
Southall Bros. & Barclay.
Sumner, R. & Co.
Taylor, James.
Thompson, John (Lim.).
Willows, Francis, Butler & Thompson.
Woolley, Jas., Sons & Co. (Lim.).
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Roller & Shoemaker, Philadelphia.
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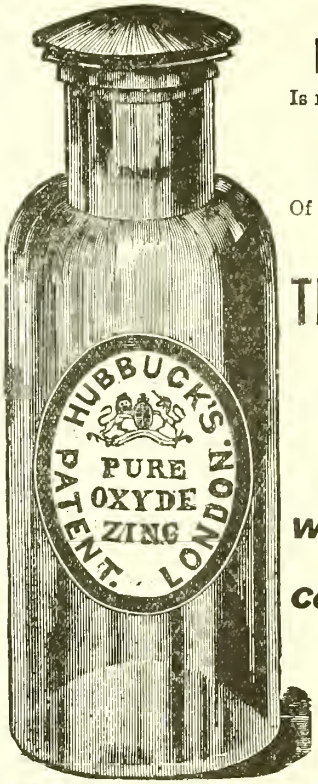

HUBBUCK'S PURE OXIDE

Is made by Sublimation, and is Warranted to contain upwards of

99 PER CENT.

Of Pure Oxide; in fact the impurities are not traceable.

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Manufacturers of—

White Lead, White Zinc, Paints, Oils, Colours, Varnishes, &c.

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The Manufacturers supply their Pure Oxide Wholesale only, in quantities of not less than 2 cwt.

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SHEN WORKS, TOWER BRIDGE ROAD.

Will friends kindly note that there is no restriction on the disposal of the stock of Shen Java Powder on hand.

SPECIALIST FOR

Spun Ointments

(Regd. Trade Mark.)

UNEQUALLED.

NOTICE.

Owing to a friendly arrangement made with Messrs. Bourjois, the Parisian Makers of Java Powder, it is arranged that the Shen Poudre de Riz Java shall now be known as Shen Poudre de Riz YENA as illustration. No other alteration will be made.

Prices of SHEN YENA POWDER:

BIJOU	SMALL	LARGE	JUMBO
18/-	33/-	48/-	78/-

PRICES ISSUED WEEKLY.

Original Packages can generally be supplied at the Current Prices quoted in the Trade Report of this paper on Terms as below.

*d Acet. Glacial., 99%, Carboys 144 lbs. @ 4½d. lb.; 12 6-lb. bots. @ 6½d. lb.; 6 lbs. @ 8d. lb.

A Acetylo-Salicyl., 56 lbs. @ lb.; 7 lbs. @ 2/4 lb.; 1 lb. @ 2/6 lb.

Boric Pulv., 3 cwt. @ 28/- cwt.; 1 cwt. @ 28/6 cwt.; levigd. 3/- cwt. extra.

Carbol Xtls., 39/40; 56 lbs. @ 5d. lb.; 10-lb. Tins @ 5/- each; Detached Cryst., 8/- each; 36 1-lb. Bots. @ 8½d. lb., Single Bots. 11d. lb.; Detached Cryst., 1 lb. @ 1/1 lb.; Crude Black, 45 Gall. Casks @ 10d. Gall.; 1 Gall. Tins @ 1/5 each.

Diethylbarbituric, 16 oz. @ 34/- lb.; 1 oz. @ 2/6 oz.

Salicyl. pulv., 7 lbs. @ 1/1 lb.; phys. pure, 1 lb. @ 3/- lb.

Tart., cryst. or pulv., B.P., 1885, 1 cwt. @ 9½d. lb.; 7 lbs. @ 10¼d. lb.; parv. ¼d. lb. extra.

Amon. Carb. lump, 3 cwt. @ 3⅜d. lb.; 28 lbs. @ 4½d. lb.; 7 lbs. @ 5d. lb.; powder, ½d. lb. extra.

Bmuth, P.B. Carb., 28 lbs. @ 7/6 lb.; 14 lbs. @ 7/9 lb.; 3 lbs. @ 8/1 lb.; subnit., 1/- lb. less.

Ca Carb. præcip., 5 cwt. @ 12/6 cwt.; 1 cwt. @ 14/- cwt.; 28 lbs. @ 19/- cwt.

Camphor, English Flowers, "not artificial," 5 lbs. @ 1/10 lb.; ½ oz. 7 lbs. @ 1/11 lb.; ⅛ oz. 7 lbs. @ 2/3½ lb. Crude, good white about 92% as imported, 140 lbs. @ 1/4 lb.; 10 lbs. @ 1/5 lb.

Naphthaline, Candles or Balls, 1 cwt. @ 12/- cwt.; 56 lbs. @ 14/- cwt.; 28 lbs. @ 15/6 cwt.

Ol. Amygdal. Ang., B.P., 9 lbs. @ 2/3 lb.

Ol. Amygdal. Essent. Artificial, free from Chlorine, 5 lbs. @ 3/- lb.; 1 lb. @ 3/9 lb.

Ol. Anethi Ang. B.P., 1 lb. @ 12/- lb.

Ol. Anisi, E.I., 66 lbs. @ 4/8 lb.; 16⅝ lbs. @ 4/11 lb.; 1 lb. @ 5/6 lb.

Ol. Aurant, 12 lbs. @ 8/- lb.; 1 lb. @ 9/- lb.; not guaranteed absolutely pure.

Oil of Bays, genuine W.I., 9 lbs. @ 9/- lb.

Ol. Cajuput, B.P., 20 oz. Bots. @ 2/6 lb.

Ol. Camphor. Essent., Wbite, 80 lbs. @ 40/- cwt.; 40 lbs. @ 41/6 cwt.; brown, 80 lbs. @ 66/- cwt.; 40 lbs. @ 67/6 cwt.

Ol. Caryoph. Ang., B.P., 9 lbs. @ 3/3 lb.; 4½ lbs. @ 3/5 lb.

Ol. Cassiæ, 16⅝ lbs. @ 4/4 lb.; 6 lbs. @ 4/7 lb.

Ol. Cinnam. B.P., 1 lb. @ 28/- lb.; 1 oz. @ 2/2 oz.

Ol. Citronelle, 9 lbs. @ 1/4 lb.

Ol. Cocoa Nucis, finest Wbite, 80 lbs. @ 48/6 cwt.; 40 lbs. @ 6d. lb.

Ol. Eucalypt., B.P., 1 cwt. @ 1/1 lb.; 28 lbs. @ 1/2 lb.; 9 lbs. @ 1/3 lb.

Ol. Geranii Gall. Opt., 1 lb. @ 18/6 lb.; 8 1-oz. bots. @ 1/11 oz.; 1 oz. @ 2/1 oz.; Turc., 1 lb. @ 9/- lb.; 4 oz. @ 12/6 lb.

Ol. Gynocardia, 5 lbs. @ 2/6 lb.; 1 lb. @ 2/10 lb.

Ol. Juniperi Bacc., B.P., 4½ lb. @ 3/5 lb.; 1 lb. @ 3/9 lb.; Ligne Exot., 1 cwt. @ 1/2 lb.; 28 lbs. @ 1/4 lb.; 9 lbs. @ 1/5 lb.

Ol. Origani Rub., Coml., 28 lbs. @ 1/5 lb.; 9 lbs. @ 1/7 lb.

Ol. Peach Kernel (so-called), 1 cwt. @ 10d. lb.; 56 lbs. @ 10½d. lb.; 9 lbs. @ 1/- lb. [lb.

Ol. Pulegii, B.P., 5 lbs. @ 5/6 lb.; 1 lb. @ 6/-

Ol. Ricini Alb. Opt. Medicinal, 176 lbs. @ 38/6 cwt.; 88 lb. @ 41/- cwt.; 44 lbs. @ 42/6 cwt.; 9 lbs. @ 6d. lb.; for export, 1 cwt. drums recommended, 8/6 each extra.

Ol. Rosmarini Coml., 28 lbs. @ 1/6 lb.; 9 lbs. @ 1/7 lb.; B.P., 9 lbs. @ 2/5 lb.; 1 lb. @ 2/9 lb.

Ol. Santali Flav. Ang. B.P., 5 lbs. @ 10/1 lb.; 1 lb. @ 10/6 lb.

Ol. Sassafras, genuinc, 28 lbs. @ 3/3 lb.; 1 lb. @ 3/8 lb.

Ol. Sinapis Express, 1 gall. tins @ 4/6 cacb.

Ol. Staphisagriæ, Ang., 9 lbs. @ 4/6 lb.; 1 lb. @ 5/3 lb.

Ol. Succin. Rect., 28 lbs. @ 1/1 lb.; 9 lbs. @ 1/2 lb.; 4½ lbs. @ 1/3 lb.

Ol. Theobromæ B.P., 8-oz. tabs., 28 lbs. @ 1/4½ lb.; 7 lbs. @ 1/5½ lb.

Ol. Wintergreen Artificial, 56 lbs. @ 1/4 lb.; 5 lbs. @ 1/8 lb; 1 lb. @ 1/10 lb.

Potass. Iod. P.B., 1 cwt. @ 7/9 lb.; 14 lbs. @ 7/10 lb.; 3 lbs. @ 7/11 lb.

Potass. Permang., Cryst., 1 cwt. @ 38/- cwt.; 7 lbs. @ 5d. lb.; large cryst., 7 lbs. @ 6d. lb.

Quinine Bisulpb, 100 oz. @ 8d. oz.; 25 oz. @ 9d. oz.; 10 oz. @ 10d. oz.

TWO GUINEAS & ONE GUINEA

Award will be paid as **First** and **Second** Prizes to any Chemist or Chemist's Assistant in Business who furnishes the best **workable** and **businesslike suggestion** for any Improvement **capable of adoption in our Weekly Advertisement in this Paper.** All Competitors must bear in mind the lines upon which the Business has been so successfully built up: viz., Cash with Order. Competitors should state their full Name, Address and Occupation, and whether they desire their name to appear in our Advertisement in the event of their being successful. The Competition will close on the 11th of June, 1910, so as to enable our Friends resident abroad to compete.

Cerium: No. 1, fine white, 64 lbs. @ 1/3 lb.; 7 lbs. @ 1/4½ lb.; powder, 7 lbs. @ 1/10 lb.

Chral Hydras Cryst. B.P., 7 lbs. @ 3/6 lb.; 1 lb. @ 3/10 lb.

Cocine Hydrochlor. B.P., 25 ozs. @ 6/10 oz.; 4 ozs. @ 7/3 oz.; 1 oz. @ 7/6 oz.

Codina, 1 oz. @ 11/5 oz.; Phospb., 1 oz. @ 9/11 oz.; Hydrochlor. or Sulph. 1 oz @ 10/7 oz.

Cream Tartar, 98% powder, 1 cwt. @ 76/- cwt.; 7 lbs. @ 9d. lb.

Hoy, fine Wbite Set, Jamaica, 3½ cwt. @ 36/- cwt.; 28 lbs. @ 47/- cwt.; Californian, 56 lbs. @ 56/- cwt.; 7 lbs. @ 8d. lb.

Mechinæ Acet. Hydrocblor. or Sulph., Pulv. B.P., 25 oz. @ 7/11 oz.; 16 oz. @ 8/1 oz.; 8 oz. @ 8/2 oz.; 1 oz. @ 8/6 oz.; Pur. Præcip., Bimeconate or Tart., 1 oz @ 11/- oz.

Ol. Lavand. ab Flor., 5 lbs. @ 7/- lb.; 1 lb. @ 8/- lb.

Ol. Mentb. Pip. English, 5 lbs. @ 27/- lb.; 1 lb. @ 29/- lb.; Hotcbkiss original bots., 21 oz. each @ 11/4 lb; 6 bots. @ 11/1 lb.; 18 bots. @ 10/10 lb.; American, 20 lbs. @ 8/6 lb.; 4½ lbs. @ 8/9 lb.; 1 lb @ 9/- lb.; Japanese, 60 lbs. @ 5/9 lb.; 5 lbs. @ 6/3 lb.

Ol. Morrhuæ, Nov. 1909, finest non-freezing, 25 gall. tin-lined barrels @ 95/- per barrel; 2 gall. tins @ 8/6 each. [lb.

Ol. Myrbane, 1 cwt. @ 48/- cwt.; 9 lbs. @ 6½d.

Ol. Myristicæ, 7 lbs. @ 3/4 lb.; 1 lb. @ 3/8 lb.

Ol. Nucis, Pallid, 45 galls. @ 3/8 gall.; 2 gall. tins @ 4/6 gall.

Ol. Olivæ P.B., good yellow, 45 gall. Barrel @ 4/3 gall.; 2 galls. @ 5/3 gall.

Quinine Ethyl Carb. (Tasteless), 100 oz. @ 2/- oz.; 10 oz. @ 2/6 oz.

Quininæ Hydrobromas or Salicylate, B.P., 100 oz. @ 11½d. oz.; 25 oz. @ 1/0½ oz.; 10 oz. @ 1/2 oz.

Quininæ Hydrocblor., B.P., 100 oz. @ 11d. oz.; 25 oz. @ 1/- oz.; 10 oz. @ 1/2 oz.

Quininæ Sulpb., B.P., 100 oz. @ 6¾d. oz.; 25 oz. @ 7½d. oz.; 10 oz. @ 8d. oz.

Rad. Jalap., English Ground, 28 lbs. @ 1/7 lb.; 7 lbs. @ 1/9 lb.

Saffron, Valentia, B.P., 1 lb. @ 40/6 lb.; 1 oz. @ 2/10 oz.

Soda Salicyl. Pulv., 7 lbs. @ 1/5 lb.; phys. pur. 28 lbs. @ 2/2 lb.; 1 lb. @ 2/5 lb.

*Tinct. Opii, B.P., 5 lbs. @ 3/3 lb.; Aquos., 2/1 lb; bond, 2/- lb.

DRUGGISTS' SUNDRIES.

ANTISEPTIC DRESSINGS.

Gauze, in Boxes—

	Percentage	Per doz. Boxes 1 yard.	In 6-yd. Pkts. Per doz. yds.
Absorbent, plain		...	1/3
Acetic ...	25	2/6	1/8
Carbolised	5	2/6	1/8
Cyanide	2	2/6	1/8
Iodoform	10	3/8	2/9
Sal Alembroth	1	2/6	1/7
Salicylic	5	2/9	2/-
Sublimate	1	2/6	1/8

Lint, in 1-lb. Parcels—

	Percentage.	Per lb.	
Acetic	45	1/4	1-oz. Pkts. 7d. lb., or Cartons 9d. lb. extra
Carboli·ed ...	5	2/6	
Cyanide ...	3	2/6	
Iodoform ...	10	4/9	
Sal Alembrotb	1	2/3	
Salicylic ...	5	2/6	
Sublimate ...	½	2/-	

Wools, in 1-lb. Parcels—	Percentage.	Per lb.
Boric	40	1/2 & 1/5
Carbolised	5	1/2 & 1/5
Cyanide	3	1/2 & 1/5
Iodoform	10	3/2 & 3/5
Sal Alembrotb	1	1/2 & 1/5
Salicylic	5	1/5 & 1/8
Sublimate...	1	1/3 & 1/6
Thymol	3	2/4 & 2/7

BANDAGES—

Per doz. 6-yard Rolls.							
Inches Wide—	½	1	1½	2	2½	3	6
Bleached—							
Open Wove	11d.	11d.	1/-	1/5	1/6	1/8	3/-
Calico ...	11d.	11d.	1/3	1/8	2/1	2/5	4/7
Unbleached—							
Open Wove	7d.	7d.	10d.	1/3	1/5	1/8	3/-
Calico ...	9d.	9d.	1/1	1/4	1/9	2/1	4/-

LINT.

Flax	per lb. 2/6
Surgeon's Cotton, A Quality ...	,, 2/-
,, ,, B ,, ...	,, 1/9
,, ,, C ,, ...	,, 1/7
,, ,, D ,, ...	,, 1/6

PAPER.

Corrugated	per roll 1/9		
For Parcel Post, 26 in. wide, 12 yard rolls.			
Wrapping, 20 by 30 in., Transparent Buff-Glazed, at 3/- ream, 13 lbs.			
Wrapping, 26 by 45 in., Thick Golden (Brown), at 19/6 ream, 90 lbs.			
Demy.			
Blue, fast, for Seidlitz...	10/- per ream, 15 lbs.		
White	6/- ,, ,,		
Filtering.			
Thick Grey, 24 by 24 in. ...	per lb. -/8		
Circular Grey			
Diameter, inches	6	7½	9½	13
Per packet of 100	-/7	-/8	-/10	1/0
Diameter, inches	15½	17½	19½
Per packet of 100	1/4½	1/6½	1/9

*Minimum quantity at these prices, Home Trade, 3 Winchester Quarts assorted. Export, 12 Winchester Quarts assorted.

NOTE.—Only Terms Net Cash with order without discount, or orders accepted through London Merchants or Bankers.

Goods carriage forward; all packages free; Export cases extra.

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Office: 34 LEADENHALL STREET.

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MANUFACTURERS OF

Fine Chemicals—Pure Alkaloids.

ACETYL. SALICYL. ACID.
ARECOLINE.
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'Roche' Chemicals answer the requirements of the various Pharmacopœias.
THEIR STANDARD QUALITY IS RECOGNISED.

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WE warn buyers that fraudulent and ineffective articles purporting to be Ichthyol, or "equal to Ichthyol," are offered by unscrupulous dealers.

Genuine Ichthyol, as it has been studied and is wanted by the Medical Profession and supplied all the time to the Trade, is delivered by us in tins and bottles under our special label with our name. The use of our registered trade mark "ICHTHYOL" for any other product means deception and dishonesty, and will entail their penalties.

Physicians, Chemists, and Druggists are requested to report to us all cases where imitation products are suspected.

ICHTHYOL COMPANY,
CORDES HERMANNI & CO
Hamburg.

TRADE MARK
PATENTED.

SPIDER BRAND

ALKALOIDS—SALLE.

Arecoline.	Perborate of Soda.
Cantharidine.	Pelletierine tannate
Colchicine.	Pilocarpine.
Digitaline cryst. (digitoxine).	Quassine.
Ergotine.	Rinonine.
Eserine.	Sparteine.
Lecithine	Veratrine.
	Yohimbine.

French Alkaloid Works :—

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Sole Agents: F. WACHENDORFF & CO.
37 CRUTCHED FRIARS, LONDON, E.C.

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The Well-Known

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CHALK.

All grades from the **FINEST LIGHT** to **VERY DENSE.**

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THE NATIONAL ANILINE & CHEMICAL CO., 100 William St., NEW YORK.
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Also Manufacturers of—

CITRIC ACID, BICARBONATE OF POTASH, ROCHELLE SALTS and pulv. SEIDLITZ, FLUID MAGNESIA, and "CITRATE OF MAGNESIA," and other Effervescent Saline Preparations.

Telegrams "Sturgeon, Birmingham."

NEPENTHE.

THE SAFEST AND BEST PREPARATION OF OPIUM.

In 2-oz., 4-oz., 8-oz., and 16-oz. bottles.

GLYCEROLE OF NEPENTHE (eight times the single strength) for hypodermic injection. In 1 oz. Bottles.

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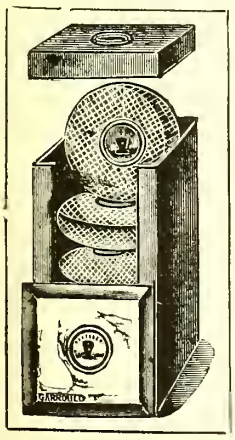

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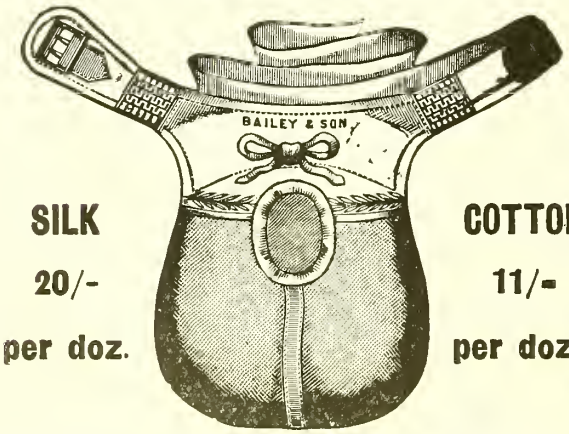

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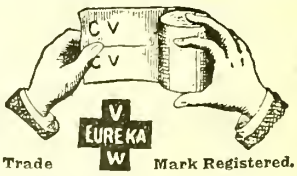

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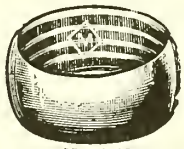

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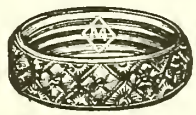

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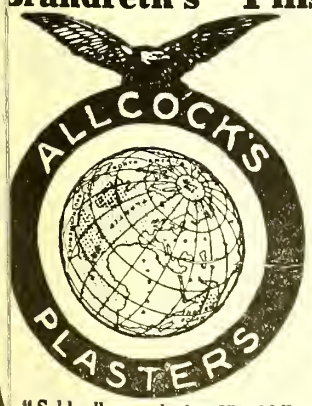

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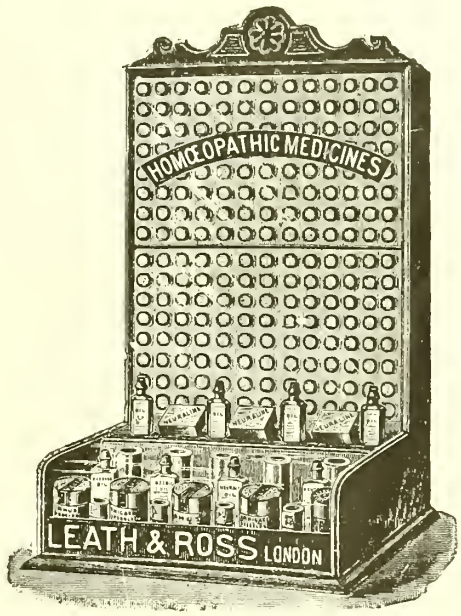

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THE BUYERS' GUIDE.

In this section, under appropriate headings, are given the names of firms advertising in this or other issues of the month. No charge is made to advertisers for the insertion of their names, but only those who have contracts current for advertising in this journal are mentioned. The headings refer generally to the classes of goods actually advertised, but this is not a detailed Guide such as appears in "The Chemists' and Druggists' Diary." Inquiries addressed to the "Information Department," THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C., regarding articles not appearing in these pages receive prompt attention, as shown weekly in the editorial pages.

ACETIC ACID
Crown Chemical Works, Ltd.
Fuerst Bros.

ACID-PROOF APPARATUS
Smith, B. A., & Co.

ADVERTISING IDEAS
Allison, J. R. B.
Degen, F. A.
Ford, Shapland & Co.
Slack, Bernard
Smith, W. H., & Son.

AER.-WATER MACHINERY
Barnett & Foster
Consol Automatic Aerators, Ltd.
(*See also* SODA FOUNTAINS)

AER.-WATER MATERIALS
Barnett & Foster
Brunner, Mond & Co.
Bush, W. J., & Co., Ltd.
Hay, William, Ltd.
Stevenson & Howell, Ltd.
Sthamer, Dr. Richard
(*See also* ESSENCES, SOL.)

AERATED WATERS
Camwal, Ltd.
Idris & Co., Ltd.
Jewsbury & Brown

AGENCIES, COLONIAL, &C.
Faulding, F. H., & Co.
Lennon, Ltd.
Nathani, M. R.
Peake, Allen & Co.
Sankyo & Co.

AGRI-HORTI. SPECIALITIES
Burt, Boulton & Haywood, Ltd.
Cooper, Wm., and Nephews
Hope, H. Edward, & Co.
Tomlinson & Hayward, Ltd.
Voss, Walter, & Co.

AIR CUSHIONS
Burge, Warren & Ridgley, Ltd.
Hutchinson Co.

ALKALOIDS
Boehringer, C. F., & Soehne
Boehringer, C. H., Sohn
Hoffmann-La Roche, Ltd.
Howards & Sons, Ltd.
Macfarlan, J. F., & Co.
Merck, E.
Morson, T., & Son
Pointet & Girard
Reitmeyer & Co.
Salle, H., & Co.
Smith, T. & H., Ltd.
Zimmermann, C., & Co.

AMMONIA AND SALTS
Brown & Blackburn
Nichols Chemical Co., Ltd.
Scrubb & Co., Ltd.
White, A., & Sons

ANÆSTHETICS
Duncan, Flockhart & Co.
Macfarlan, J. F., & Co.
Smith, Dr. E. J.
Smith, T. & H. Ltd.
Zimmermann, C., & Co.
(*See also* CHLOROFORM)

ANIMAL THERAPY PRODS.
American Animal Therapy Co.

ANNATTO
Fullwood, R. J., & Bland
Tomlinson & Hayward, Ltd.

ANTIMONY AND ITS SALTS
May & Baker, Ltd.
White, A., & Sons

ANTI-RHEUMATIC RINGS
Burge, Warren & Ridgley, Ltd.

ANTISEPTICS
Lambert Pharmacal Co
Zimmermann, C., & Co.

ARTIFICIAL EYES
Muller, E.

ARTIFICIAL LIMBS
Haywood, J. H., Ltd.

BACTERIAL VACCINES
Allen & Hanburys, Ltd.
Evans Sons Lescher & Webb, Ltd.
Martindale, W.
Parke, Davis & Co.

BALANCES
Parkall & Sons, Ltd.
Maw, S., Son & Sons
Southall Bros. & Barclay, Ltd.

BALLROOM FLOOR POLISH
Lofthouse & Saltmer
Woolley, Jas., Sons & Co., Ltd.

BALSAMS
Dodge & Olcott Co.

BANDAGES
Leslies, Ltd.
Wood, Vincent

BAROMETERS
Darton, F., & Co.

BATH CABINETS
Riley Bros., Ltd.

BED PANS
Bush, Henry W., & Co., Ltd.
Reuter, R. J.

BEETLE PASTE
Howarth & Fair

BEETLE-TRAPS
Sankey, Joseph & Sons, Ltd.

BENZINE
Jackson, T.

BISMUTH SALTS
Howards & Sons, Ltd.
May & Baker, Ltd.
Morson, T., & Son
Reitmeyer & Co.
Tyrer, T., & Co., Ltd.
White, A., & Sons

BLACKS
Williams, Bros. & Co.

BODY BELTS.
Haywood, J. H., Ltd.
Sayers, Silcox, Cuzner & Co.
Wood, Vincent

BOOKS AND MAGAZINES
Garrould, E. & R.
Ilford "Photo Manual"
Lewis, H. K.
Martindale's "Extra Phar."
Squire's "Companion"

BOOT POLISH COLOURS
Williams, Bros. & Co.

BOTANIC DRUGGISTS
Brook, Parker & Co., Ltd.
Newball & Mason
Potter & Clarke, Ltd.

BOTTLES
Barnett & Foster
Beatson & Co.
Breffit, E., & Co., Ltd.
Bush, H. W. & Co., Ltd.
Gaasch, J. B.
"Ideal" Bottle
Isaacs, I., & Co.
Johnsen & Jorgensen, Ltd.
Kilner Bros., Ltd
Maw, S., Son & Sons
May, Roberts & Co.
Poths, H., & Co.
Swales, Thomas
Toogood, W., Ltd.
Tonldon, E., Ltd.

BOXES, GREASEPROOF
Rogers & Co.

BROMINE AND BROMIDES
Howards & Sons, Ltd.
Merck, E.

BRONCHITIS KETTLES
Maw, S., Son & Sons

BOXES
Ayrton, Saunders & Co., Ltd.
Breffit, E., & Co., Ltd.
Estes, E. B., & Sons
Ford, Shapland & Co.
Harrison & Waide
Paterson, Mitchell & Dawson
Robinson & Sons, Ltd.
Rogers & Co.
Stevenson, H., & Sons, Ltd.
Stipendum Stopper Co.
Thompson Bros.

BRUSHES
Bidwell, Bidwell & Co.
Hovenden, R., & Sons, Ltd.
International Distributing Co.
Kent, G. B., & Sons, Ltd.
Maw, S., Son & Sons
May, Roberts & Co., Ltd.

BUTTER COLOURING
Fullwood, R. J., & Bland
Oldfield, Pattinson & Co.
Tomlinson & Hayward, Ltd.

CACHOUS
Guest, Thos., & Co.
Jackson, T.

CAMPHOR
Alliance Drug & Chemical Co.
Chemist's Co-operative Wholesale
Howards & Sons, Ltd.
May & Baker, Ltd.

CAPPING MATERIALS
Viscose Co., Ltd.

CAPS FOR BOTTLES, &c.
Darter, Wilkinson & Co.
Gutmann and Leslie Gates
Viscose Co., Ltd. (self-fixing)

CAPSULES (VARIOUS)
Allen & Hanburys, Ltd.
American Animal Therapy Co.
Bates Bros. & Stevenson, Ltd.
British Drug Houses, Ltd
Curling, Geo., Wyman & Co.
Davies, Sons & Co.
Denonal, J., & Co.
Duncan, Flockhart & Co.
Evans Sons Lescher & Webb, Ltd.
Lloyd, T. Howard, & Co.
Martindale, W.
Mason Bros. & Chapman
Parke, Davis & Co.
Timme, W. O., & Co.
Tye, J., & Son
Wand Mfg. Co
Wander, A., Ltd.
Warrick Bros.
Woolley, J., Sons & Co.

CAPSULING MACHINE
Melin, C., & Co.

CARBOLIC ACID
Burt, Boulton & Haywood, Ltd.
Chemist's Co-operative Wholesale
Hoffmann-La Roche, Ltd.
Hollingshurst & Co.
(*See also* DISINFECTANTS)

CARBOYS
Breffit, E., & Co., Ltd.
Toogood, Wm., Ltd.

CARTONS
Ford, Shapland & Co.
Harrison & Waide
Thompson Bros.
Timme, W. O., & Co.

CASH TILLS
National Cash Register Co., Ltd.

CASTOR OIL
Fuerst Bros.
Hull Oil Mfg. Co., Ltd.

CAUSTIC PENCILS
Luhenow, Hugo, Ltd.

CAUSTIC SODA
Brunner, Mond & Co., Ltd.

CEMENTS
Jackson, T.
Kay Bros., Ltd.

CHALK, PRECIPITATED
Levermore, A., & Co.
Mumford, G. S., & Sons
Nichols Chemical Co., Ltd.
Sturge, John & E.

CHEMICAL MFRS.
Boehringer, C. F., & Soehne
Bramwell, E., & Son
British Drug Houses, Ltd.
Brunner, Mond & Co., Ltd.
Burroughs Wellcome & Co.
Evans Sons Lescher & Webb
Hoffmann-La Roche, Ltd.
Howards & Sons, Ltd.
Macfarlan, J. F., & Co.
May & Baker, Ltd.
Merck, E.
Morson, T., & Son
Pointet & Girard.
Reitmeyer & Co.
Riedel, J. D., Co.
Scheller, Emil & Co.
Schimmel & Co.
Smith, T. & H., Ltd.
Sthamer, Dr. Richard
Sturge, John & E.
Tyrer, T., & Co., Ltd.
Washington Chemical Co., Ltd.
White, A., & Sons

CHEST PROTECTORS
Conoid Co.
May, Roberts & Co.
Solport Bros.

CHLORATES, AND PERCHLORATES
Société des Forces Motrices et Usines de l'Arve.

CHLORIDE OF LIME
Brunner, Mond & Co., Ltd.
Electrolytic Alkali Co., Ltd

CHLORODYNE
Davenport, J. T., Ltd.
Freeman's Chlorodyne, Ltd.

CHLOROFORM
Duncan, Flockhart & Co.
Macfarlan, J. F., & Co.
May & Baker, Ltd.
Morson, T., & Son
Smith, T. & H., Ltd.

CIGARS AND CIGARETTES
Hovenden, R., & Sons, Ltd.
Singleton & Cole, Ltd.

CITRIC ACID AND CITRATES
British Drug Houses, Ltd.
Howards & Sons, Ltd.
Morson, T., & Son
Sturge, John & E.

CLEANERS
Goss, S. F., Ltd.
Securitas Non-inflammable Products Co., Ltd.

CLINICAL THERMOMETERS
Burge, Warren & Ridgley, Ltd.
Hicks, J. J.
Maw, S., Son & Sons
Perken, Son, & Co., Ltd.
Zeal, G. H.

CLOTH BALLS
O'Neill, Zetts & Co.
Senier, Alf., & Co.

COAL TAR SPECIALITIES
Wright, Layman & Umney, Ltd.

COCOA
Cadbury Bros., Ltd.
Charles H. Phillips Chemical Co.

COLLAPSIBLE TUBES
Timme, W. O., & Co.

COLOURS, BEVERAGE, &
Boake, Roberts & Co.
Stevenson & Howell, Ltd.

C -LIVER OIL
rethson, A., & Co.
n & Hanhurys, Ltd.
ss Bros. & Stevenson, Ltd.
itish Drug Houses, Ltd.
old, Peder
ns Sons Lescher & Wehb, Ltd.
dall, Backhouse & Co.
rd, T. Howard, & Co.
er, Helnr. & Co.
eld, Pattinson & Co.
thall Bros. & Barclay, Ltd.
lley, Jas., Sons & Co., Ltd.
ght, Layman & Umney, Ltd.
mermann, A. & M.

COURS, CHEMICAL
Wiams Bros. & Co.

COBS
enden, R., & Sons, Ltd.
t, G. B., & Sons, Ltd.
, S., Son & Sons
, Roberts & Co., Ltd.
bery, Francis & Sons, Ltd.

CO ENSERS
ett, E., & Son, Ltd.
ett, Sons & Sheare, Ltd.

CO ECTIONERY COLOURS
Wiams Bros. & Co.

CO ER SULPHATE
ht & Son

CO S
on, Saunders & Co.
, H. W., & Co.
hell, N. W., & Sons, Ltd.
es, Thomas

CO CURE
m Corn Remedy Co.

CO PLASTERS
sdorf, P., & Co.
rt Bros.

CO UGATED PAPER
e, W. O., & Co.

CO TER ADJUNCTS
s Sons Lescher & Webb, Ltd.

CO TER BILLS
Fo Shapland & Co.

CO TER SPECIALITIES
All & Hanhurys, Ltd.
h Drug Houses, Ltd.
ett, C. J., & Son
, T. H., & Co., Ltd.
Roberts, & Co., Ltd.
ery, F., & Sons, Ltd.
all Bros. & Barclay, Ltd.

CRE M OF TARTAR
Bri h Drug Houses, Ltd.

CRE OTE
Bai Bros. & Stevenson, Ltd.
Bu Boulton & Haywood
Mo n, T., & Son

CRE BANDAGES
Gi r, W., & Son
Norch Crêpe Co. (1856), Ltd.
Wo Vincent

CYA DES
May Baker, Ltd.

DAI SPECIALITIES
Fu od, R. J., & Bland
Old d, Pattineon & Co.

DEN L ANÆSTHETICS
Smi Dr. E. J.
Mar dale, W.

DEN L MECHANICS
Bar Fred. H.
Cul k, H. E.
Fen au, A. G.
Fen an, A. J., & Co.
Hal , E. C.
Jeff on, John F.
Wa le & Co.

DEVE PERS
Exp s Developing Co.

DEXT NE
Fink , & Co.

DISI ECTANTS
Bais ros. & Stevenson, Ltd.
Bur oulton & Haywood, Ltd
Con & Mitchell, Ltd.
Cook , & Co., Ltd.
Coo Wm., & Nephews
Jeye Sanitary Compounds, Ltd.
San Co., Ltd.
Tom son & Hayward, Ltd.
Wil s, Francie B. & T.
Wri , Layman & Umney, Ltd

DENTIFRICES
Bash & Co.
Beecham, T.
Bell, John, Hills & Lucas, Ltd
Blackie, R.
Burroughs Wellcome & Co.
Christy, T., & Co.
Cook, E., & Co., Ltd.
Eucryl, Ltd.
Hall & Rnokel
Jewshnry & Brown
Lamhert Pharmacal Co.
MoKesson & Rohhins
Maw, S., Son & Sons
Newhery, F., & Sons, Ltd.
Odol Chemical Works
Standard Tablet & Pill Co.
Woods, W., & Son
Woolley, J., Sons & Co., Ltd.

DIABETIC BREAD AND FOOD
Brusson Jenne
Callard & Co.
Van Ahhott, G., & Sons

DIGESTIVE PRODUCTS
Armour & Co., Ltd.
Benger's Food, Ltd.
Fairchild Bros. & Foster
Parke, Davie & Co.
Sqnire & Sons
Zimmermann, C., & Co.

DOUCHES
Reuter, R. J

DRUGGISTS' SUNDRIES
Ayrton, Saunders & Co., Ltd
Barclay & Sons, Ltd.
Berliner, Arthnr
Bnrge, Warren & Ridgley
Bush, H. W., & Co., Ltd.
Chemist's Co-operative Wholesale
Christy, T., & Co.
Curling, Geo., Wyman & Co.
Edwards, W., & Son
Evans Sons Lescher & Webb, Ltd
Hewlett, C J., & Sons
Hovenden, R., & Sons, Ltd
Maw, S., Son & Sons
May, Roberts & Co., Ltd.
Moores, Charles L.
Newhery, F., & Sons, Ltd
Poths, H., & Co.
Quelch, H. C., & Co.
Renter, R. J.
Sangers'
Schutze, F., & Co
Shirley Bros., Ltd.
Solport Bros.
Sonthall Bros. & Barclay, Ltd
Tidman & Son, Ltd.
Toogood, W., Ltd.
Wattenbach, O.
Woolley, J., Sons & Co.

DRUGS, CRUDE
Baiss Bros. & Stevenson, Ltd
Bernhardi, I.
Brook, Parker, & Co., Ltd
Curling, Geo., Wyman & Co.
Gathergood's Exor
Potter & Clarke, Ltd.
Ransom, W., & Son
Salle, H., & Cie.

DYES
Jndson, D., & Son
Whitaker & Co (Hat)

EAU DE COLOGNE
Farina, J. M.
Farina, J. M. (No. 4)
Fickus, Courtenay & Co.
McCracken, J. & R.
Schutze, F., & Co.

EDUCATIONAL INSTITUTIONS
Bath and West of England College of Pharmacy.
Birmingham and Midland College
Edinhurgh Central School
Glasgow School of Pharmacy
Harker, Charlee
Leeds College of Pharmacy
Liverpool School of Pharmacy
London College of Pharmacy
Manchester College of Pharmacy
Muter's (So. Lond.) School
North of England School
Northern College of Pharmacy
South of England College

ELASTIC HOSIERY
Ayrton, Sannders & Co., Ltd.
Bnrge, Warren & Ridgley, Ltd.
Haywood, J. H., Ltd.
Maw, S., Son & Sons
Surgical Hosiery Co., Ltd.
Wood, Vincent

EFFERVESCENT PREPS.
Allen & Hanhurys, Ltd.
Baiss Bros. & Stevenson, Ltd.
Bishop, Alfred, Ltd.
Blackie, R.
Bristol-Myers Co.
British Drng Honses, Ltd.
Bntler, T. E., Son, & Co.
Cox, A. H. & Co., Ltd.
Curling, Geo., Wyman & Co.
Davies, Sons & Co.
Evans Sons Lescher & Wehb, Ltd
Goodall, Backhouse & Co.
Guest, Thos., & Co.
Howards & Sons, Ltd.
Kntnow, S., & Co., Ltd.
Newball & Mason
Potter & Clarke
Shirley Bros., Ltd.
Standard Tablet & Pill Co.
Stnrge, John & E.
Tyrer, T., & Co., Ltd.
Wright, Layman & Umney, Ltd.

EMBROCATIONS
Chameleon Oil Co., Ltd.

EMERY AND CLOTH
Oakey, J., & Sons, Ltd.

EMULSIONS, C.L.O., ETC.
Allen & Hanhurys, Ltd.
Ayrton, Saunders & Co., Ltd.
Baiss Bros. & Stevenson, Ltd.
Blackie, Robert
British Drug Houses, Ltd.
Faulding, F. H., & Co.
Harker, Stagg & Morgan, Ltd.
Oldfield, Pattinson & Co.
Parke, Davis & Co.
Scott & Bowne, Ltd.
Southall Bros. & Barclay, Ltd.
Woolley, Jas., Sons & Co.
Wright, Layman & Umney, Ltd.

ENEMAS
Bailey, W. H., & Son
Burge, Warren & Ridgley, Ltd.
Davol Rubber Co.
Maw, S., Son & Sons
Toogood, W., Ltd.
Warne, W., & Co. Ltd.

ENTOMOLOG. APPARATUS
Watkins & Doncaster

EPSOM SALTS
Howards & Sons, Ltd.

ESSENCES, CONCRETE
Lautier Fils

ESSENCES, SOL. AND FR UIT
Alliance Drug & Chem. Co.
Barnett & Foster
Boake, Roberts & Co., Ltd.
Bnsh, W. J., & Co., Ltd.
Fuerst Bros.
Hay, Wm., Ltd.
Lautier Fils
London Essence Co.
Newhall & Mason
Spencer, J., Son & Co.
Stevenson & Howell, Ltd.
Zimmermann, A. & M.

ETHERS
Baiss Bros. & Stevenson, Ltd.
Macfarlan, J. F., & Co.
May & Baker, Ltd.
Tyrer, T., & Co., Ltd.
White, A., & Sons

EUCALYPTUS OIL
Baiss Bros. & Stevenson, Ltd.
British Drug Housee, Ltd.

EXTRACT OF HERBS
Newball & Mason
Potter & Clarke

EXTRACTS (MEDICINAL)
Allen, Stafford, & Sons, Ltd.
Chemist's Co-operative Wholesale
Evans Sons Lescher & Wehb
Gathergood's Exor.
Hewlett, C. J., & Son. Ltd.
Koninklijke Pharm. Handele.
Parke, Davis & Co.
Ransom, W., & Son

FEEDING BOTTLES
Breffit, E., & Co., Ltd.
Evans Sons Lescher & Wehb, Ltd.
Hovenden, R., & Sone, Ltd.
Kilner Bros., Ltd.
Maw, S., Son & Sons
Sangere'
Solport Bros.
Southall Bros. & Barclay Ltd.

FERTILISERS
Neuee Kalisyndikat
Voss, Walter, & Co.
Wlth's Chemical Manure Co.

FILLING MACHINES
Roberts' Patent Filling Machine Co.

FILTERS
Berkefeld Filter Co., Ltd.
Seitz, Theo

FINGER STALLS
Solport Bros.

FLESH GLOVES
Sangers'
Solport Bros.

FLYCATCHERS
Alabastine Co. (British), Ltd.
Deansmere Manfg. Co.
Ford, Shapland & Co.
Frowein, C.
Jackson, W. & H.
Kay Bros., Ltd.
Smith, J. H., & Co.
Tunbridge & Wright

FOODS, INFANTS'.
Allen & Hanhnrys, Ltd.
Benger's Food, Ltd.
Frame Food Co., Ltd
Lofthouse & Saltmer
Natnral Food Co., Ltd.
Willows, Francie B. & T.

FOODS, SPECIAL
Allen & Hanhurys, Ltd.
Benger's Food, Ltd.
Brand & Co., Ltd.
Brnseon Jeune
Burt, C. J.
Callard & Co.
Cox, Arthur H., & Co., Ltd.
Fairchild Bros. & Foster
Frame Food Co., Ltd.
Menley & James, Ltd.
Natnral Food Co., Ltd.
Wander, A., Ltd.

FRENCH PROPRIETARIES
Fletcher, Samuel T. Co.

FRUIT SYRUPS
Idrie & Co., Ltd.

FULLER'S EARTH
Mnmford, G. S., & Sons

FUMIGATORS
Sanitas Co., Ltd.

FUNNELS, ALUMINIUM
Reuter, R. J.

GLAUBER'S SALT
Bramwell, E., & Son
Howards & Sons, Ltd.

GLYCERIN
Fuerst Bros.
Meffert, Hermann & Co.
Price's Patent Candle Co.
Steven, Andrew, & Son

GLYCERIN PLANT
Forshaw, E., & Son, Ltd.

GLYCEROPHOSPHATES
Merck, E.

GOLDBEATER'S SKIN
Gutmann & Leslie Gates

GOLD PAINT
Judson, D., & Son

GRINDERS, DRUG, ETC.
Allen, Stafford, & Sons, Ltd.
Goodall, Backhouse & Co.
Willows, Francis B. & T.

GUMS
Fink, F., & Co
Kidston, W. M., & Co.

HAIR DYES
Blackie, Robert
Harker, Stagg & Morgan, Ltd.

HAIR PREPARATIONS
Bates, F. W.
Blackie, Robert
Chesebrough Manfg. Co.
Edwards' "Harlene" Co.
Eggloesa Mnfg. Co.
Harker, Stagg & Morgan, Ltd.
Herpicide Co.
John Strange Winter
Robare's Aureoline
To-Kalon Mnfg. Co., Ltd.

HAT DYES
Whitaker & Co.

HEATING APPARATUS
Clark's Syphon Stove Co., Ltd.

HERBS
Brook, Parker & Co., Ltd.
Potter & Clarke, Ltd.
Ransom, W., & Son

HOMŒOPATHIC MEDICINES
Ashton & Parsons, Ltd.
Epps, James, & Co.
Keene & Ashwell, Ltd.
Leath & Ross

HOTELS
Esmond Hotel
Kingsley Hotel
Thackeray Hotel

HOT-WATER BOTTLES
Berlinsr, Arthur
Burge, Warren & Ridgley
Galen Mfg. Co., Ltd.
Hutchinson Co.
Maw, S., Son & Sons
May, Roberts & Co.
Newbery, F., & Sons, Ltd.
Southall Bros. & Barclay
Tompkins, James, Ltd.

HYDROGEN PEROXIDE
May & Baker, Ltd.
Sanitas Co., Ltd.
Tyrer, T , & Co., Ltd.

HYPOPHOSPHITES
May & Baker, Ltd.
Tyrer, T., & Co., Ltd.

INHALERS
Maw, S., Son & Sons

INK POWDERS
Williams Bros. & Co.

INSECT POWDER
Shirley Bros., Ltd.

INSECTICIDES
Christy, Thos., & Co.
Cooper, Wm., & Nephews
Tomlinson & Hayward, Ltd.
Voss, Walter, & Co.

INVALID CHAIRS
Ellmore, W. T., & Son, Ltd.

IODINE AND IODIDES
Howards & Sons, Ltd.
Morson, T., & Son

ITROSYL
Fletcher, Fletcher & Co.

JARS AND POTS
Breffit, E., & Co., Ltd.
Bush, H. W., & Co., Ltd.
Christy, T., & Co.
Johnsen & Jorgensen Ltd.
Kilner Bros., Ltd.
Maw, S., Son & Sons
Poths, H., & Co.
Reuter, R. J.
Stipendum Stopper Co.
Toogood, W., Ltd.

JUNKET POWDER
Armour & Co., Ltd.
Fullwood, R. J., & Bland

LACTIC FERMENT PREPS.
Allen & Hanhurys, Ltd.
Cox, Arthur H., & Co., Ltd.
Davies Sons & Co.
Evans Sons Lescher & Webb,Ltd.
Lloyd, T. Howard, & Co.
Martindale, W.
Parke, Davis & Co.
Standard Tablet Co.
Wilcox, Jozeau & Co.

LANOLINE
Burroughs Wellcome & Co.
Christy, T., & Co.

LARD
Ewen, J., & Sons

LEATHER DYES
Williams Bros. & Co.

LIME JUICE AND CORDIAL
Evans Sons Lescher & Webb
Goodall, Backhouse & Co.

LINSEED, CRUSHED, ETC.
Allen, Stafford, & Sons
Mumford, G. S., & Sons

LINTS
Liverpool Lint Co.
Robinson & Sons, Ltd.
Taylor, W .G.
Vernon & Co., Ltd.

LIQUORICE JUICE
British Drug Houses, Ltd.
Fuerst Bros.
Evans Sons Lescher & Webb,Ltd.
Jackson, E. E.
Mumford, G. S., & Sons

LIQUORS, CONC., ETC.
Fletcher, Fletcher & Co.
Hewlett, C. J., & Son
Robinson, B., & Co.

LITHIA SALTS
British Drug Houses, Ltd.
Fuerst Bros.
May & Baker, Ltd.
Merck, E.

LOZENGES
Ayrton, Saunders & Co., Ltd.
Cox, A. H., & Co., Ltd.
Denoual, J., & Co.
Guest, Thos., & Co.
Jackson, E. E.
Potter & Clarke, Ltd.
Raimes & Co.
Warrick Bros.

MACHINERY, PHARMACAL
Allen & Hanhurys, Ltd.
Bennett, E., & Son, Ltd.
Bennett, Sons & Shears, Ltd.
Braithwaite H., & Co., Ltd.
Forshaw, E., & Son, Ltd.
Gardner, Wm., & Sons, Ltd.
Pindar, J. W., & Co.
Stokes, F. J., Machine Co.
Thompson & Capper (Stokes)
Wilkinson, S. W., & Co.

MAGNESIA AND ITS SALTS
Henry, T. & W.
Howards & Sons, Ltd.
May & Baker, Ltd.
Parke, Davis & Co.
Washington Chemical Co., Ltd.

MARKING INK
Hickisson. A. (Bond's)
Williams Bros. & Co.

MAILING CASES
Estes, E. B., & Sons

MALT EXTRACT AND PREPS
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What the "B. & C. D." says about

Sangers

Sangers.—Although occupying one of the largest stands, the display of this sundries house is not *the* display of Messrs. Sangers—the great demonstration is being held in special show-rooms at 258 Euston Road, N.W., and chemists are being conveyed from the Exhibition to this firm's abode and *vice-versa* at the expense of Messrs. Sangers. Here are only a few—a rough idea—of the many lines in which this firm deal, and yet there are more than can be described in ten times the limits of an Exhibition review. For example, the "Multum in Parvo" show-stand at the back holds, among other things, 127 miscellaneous bottles, three dozen samples of assorted tooth pastes and powders, six dozen different samples of packed goods, eight dozen tubes of assorted toilet preparations, four dozen glass and vulcanite syringes and five dozen indiarubber syringes, with a number of enemas and hot-water bottles, about one gross of puffs, and so on. This stand has a show space of 300 square feet and can be affixed in an hour. Yet the space it occupies is quite small compared with its advantages. There are other demonstrative agents such as aluminium show-stands, and one for displaying eau de Cologne which costs 7s. 6d., yet holds 30 bottles of various sizes. There is also shown a new poison bottle possessing distinctive features yet costing much less than the ordinary pattern. There are four distinct lips to this bottle and a novel arrangement for gripping the cork securely. This latter device is particularly useful in the case of embrocations, as it prevents the cork slipping out as it is so apt to do once the bottle has been opened. The "Alpine Rose" perfume is an exquisite blend and bids fair to become a rage. This, in common with all the perfumes issued by this firm, is handsomely designed, and an attraction in itself. "Vegepercha" is a substitute for gutta percha, and may be sterilised. It has remarkably durable properties. There is a magnificent series of nail brushes, the 143, 144 and 145 being especially brilliant specimens of good value for money, and real badger shaving brushes are obtainable at prices that would enable them to be sold at a shilling with profit. Aluminium funnels are among the latest pharmaceutical accessories. They are light, durable, and non-corroding. An aluminium bed-pan is the latest in this line, and presents the same features as the funnels and, indeed, all goods made of this metal. The "Regnas" feeding bottle is of the familiar boat shape and is fitted with Ingram's patent sterilised band teats and valves. The retail price is 1s. and the cost 8¼d. The McClean ear-caps cost 1s. 6d. and sell at nearly twice the price. As an inducement, a neat figure is given away with a dozen. There are many other interesting things to be seen, but as evidence of the up-to-date character, among the show-cards—of which there are excellent examples—is one entitled "A Proclamation." But there, it is almost impossible for anyone to get ahead of this firm!

Telegrams:
"PHARSALIA, LONDON."

Telephone:
8915 Gerrard (5 lines), For Orders.
962 North, For Inquiries.

Sangers, 258 Euston Road, N.W.

WE BEG TO THANK OUR NUMEROUS FRIENDS

FROM *all* OVER *the* KINGDOM FOR THEIR KIND SUPPORT DURING THE EXHIBITION

YOU HAVE ALL SEEN WHAT WE CAN DO. WE CAN DO THE SAME EVERY DAY THROUGHOUT THE YEAR

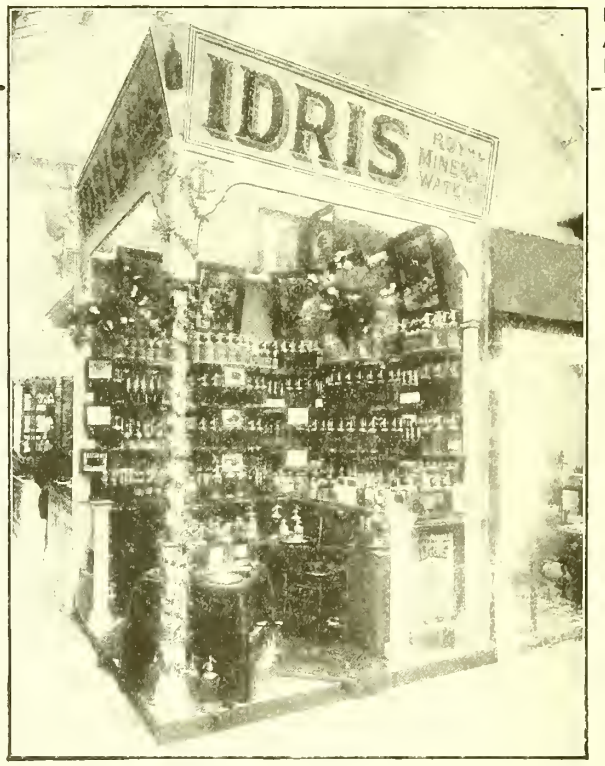
Sangers

258 EUSTON ROAD, N.W.

THE IDRIS CORNER

AT THE CHEMISTS' EXHIBITION

PRETTY AND POPULAR



IDRIS IN CHINAWAYS

VICHY IN SYPHONS

DISTILIDRIS

IDRIS IN BOTTLES

DRY GINGER ALE

KARN WINE

IDRIS & CO., LTD., display syphons and bottles of their well-known aerated waters. The sale of the Chinaway syphon is increasing by leaps and bounds, which shows that the public are appreciating this invention. A big export trade is being done in Idris lime-juice cordial, which is a good brand for chemists to push. Karn wine is a happily named meat-and-malt wine which the company are bringing into prominence.

The C. & D.

IDRIS & CO., LIMITED, occupy their old position in the hall, and exhibit on their well-stocked stall a representative display of their high-class mineral waters. The firm make a strong feature of their now well-known "Chinaways" system of syphon bottling, which appears to be the last word in presenting aerated waters to the consumer. These are all manufactured with water obtained from a deep artesian well, which is yielded in a state of exceptional purity, and, as in the case of "Distilidris," is distilled in specially-constructed apparatus, ensuring freedom from all possible contamination. The use of the latter is strongly recommended by the medical profession, and specially so by Sir Henry Thompson. The old-fashioned brewed ginger beer in stone bottles is, we are told, very much in demand, and the "Idris" product is one of exceptional quality and flavour. "Koolime" is an extremely palatable summer drink, and commands a good sale. Vichy Water in syphons has been put on the market, and is prepared with the pure salts as contained in the natural water. "Tonalka" is an alkaline tonic aperient water, of a constant and definite strength, pleasant in taste and certain in action. Lime juice cordial of the Idris brand is an improvement on the usual article, and is free from the musty flavour so often objected to. "Karn Wine" is a full-flavoured and matured wine, containing Leibig's extract of meat and extract of malt. Messrs. F. W. Ashton, F. W. Peck and R. H. Hardy are representing the firm at this stand.

The B. & C. D.

IDRIS & CO., LTD.

CAMDEN TOWN LONDON, N.W.

The Importance of HYGIENE

in daily life is now fully recognised

The "Sanitas" Specialities

are the best examples of scientific hygiene. Pharmacists sell them with confidence

THE SANITAS CO., LTD., display their many specialities for disinfecting-purposes and Kingzett's patent preserved hydrogen peroxide. A new line is a toilet-paper impregnated with "Sanitas" in interleaved packets, retailing at 4½d. "Sanitas Bactox" lanoline, to sell at 1s. is also new, while special attention is given to "Sanitas Bactox Vaporiser." Fumigating-preparations are much in evidence, sulphur candles and "Sanitas Fumigators" being the chief forms.

The Chemist & Druggist.

THE SANITAS COMPANY, LIMITED, exhibit a wide range of products bearing the well-known name "Sanitas," which is the hall-mark of quality in disinfectants. The efficient properties of this fragrant disinfectant are now well known, and its good qualities are amply testified to in the report of the *Lancet* Commission with respect to the standardisation of disinfectants. In this "Sanitas" is defined as the most economical disinfectant on the market. It is, however, to the newly-introduced "Sanitas Bactox" that we particularly draw attention. This is a coal-tar fluid made in two strengths with co-efficients of 20 and 10. It gives on dilution with water a clear soapy liquid that does not separate on standing. "Sanitas-Okol" is an emulsion guaranteed 20 times as strong as pure phenol. "Sanitas-Crocide" and "Sanitas-Soldis" are fluids similar to "Sanitas-Bactox," of lower co-efficiency, but respectively five times and twice as strong as carbolic acid. Lines of recent introduction are "Sanitas Bactox Lanoline" for skin use, burns, wounds, stings and abrasions. Sold in 1s. tubes, it forms an attractive article for counter sale. "Sanitas" toilet paper, on the interleaved principle, is selling well at popular prices. Other items worth notice are the Sanitas-Bactox Vaporisers at 1s. 3d. and "Formigators" for the diffusion of formic preparations, price complete with lamp and tablets 1s. 3d. Kingzett's patent peroxide of hydrogen at 10, 12, 15, and 20 vols. is a stable preparation, and in good demand.

The B. & C. D.

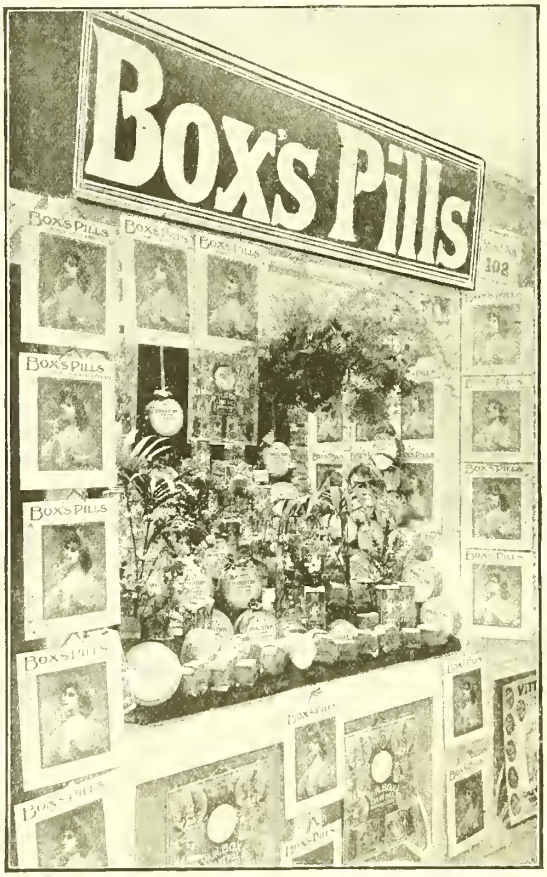
A VIEW AND SOME ACCOUNTS OF OUR DISPLAY AT THE CHEMISTS' EXHIBITION LAST WEEK

"Sanitas" Co., Limited

LOCKSLEY STREET, LIMEHOUSE

LONDON, E.

GIANT IN STRENGTH & GOLDEN TO HANDLE



Two popular, effective and profitable proprietaries at the Chemists' Exhibition.

Box's Pills the GIANT REMEDY

Box's Golden Fire for Rheumatism, &c.

W. H. BOX has a display of the "Giant Remedy" known as Box's pills, also Box's "Golden Fire" Remedy for rheumatism, lumbago, and other ills.—*The C. & D.*

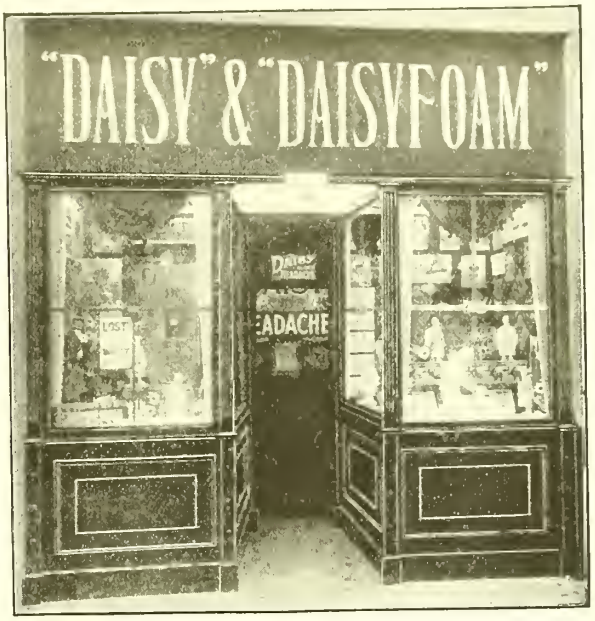
W. H. BOX has a very attractive display of the world-famed Box's Pills—the Giant Remedy—and of Box's Golden Fire. The latter is claimed to be one of the most effective known remedies for rheumatism, lumbago, sciatica, &c. It is packed in very handsome cartons, and commands a large and ready sale. It was said by the famous Dr. Abernethy that "Nine diseases out of ten spring from indigestion," and Box's Pills are called "Indigestion Pills" simply because they cure indigestion, the cause of so many other maladies, with such ease when other remedies have failed. Handsome showcards and an abundant supply of literature may be had on application to the proprietor. Amongst the many other specialties produced by Mr. Box may be mentioned Box's Consumptive Remedy, Golden Sight Restorer and Preserver, Bruise Oil and Corn Remedy, all of which have a large sale. The energy and originality of some of Mr. Box's advertising matter, together with the merits of his well-known specialties, make it probable that their sale, already large, will become as time goes on much greater still.

The B. & C. D.

W. H. BOX, 161 King St., Plymouth.

Telegraphic Address: "GIANT" PLYMOUTH.

WE THANK OUR FRIENDS



For their support at the Chemists' Exhibition.

—For their complimentary references to the smartness of our miniature Chemist's Shop.

—For their appreciative remarks about "Daisy" and "Daisyfoam."

—And for their orders.

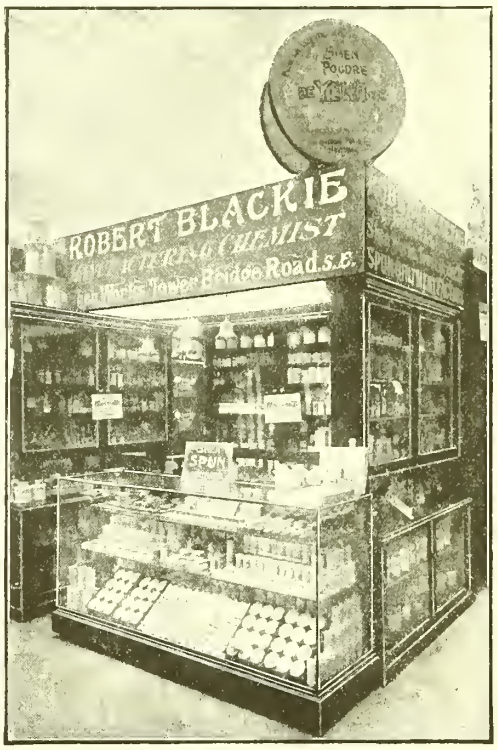
—The Exhibition is closed; but for the convenience of those who could not visit it, we are keeping open during Whit-week our special Exhibition Window Display Offer.

—Full particulars will be sent to any "C. & D." reader in response to a post card.

—Write now.

DAISY, Ltd., Mammoth Works, LEEDS.

ESTABLISHED 1893. *Telegrams: "DAISY LEEDS."*



SPUN OINTMENTS

AND SPECIALISM IN

Toilet Preparations

as illustrated at the Chemists' Exhibition, London.

R. BLACKIE surmounts his corner stand with a huge box of poudre de riz, the Shen Yena poudre de riz forming a goodly portion of the display of packed pharmaceuticals. The coupon-scheme connected with the rice powder is explained to chemist-customers. "Spun" ointments and tooth powders also occupy prominent positions. Salines, hair-dyes, and tubed goods bulk largely among the various "own-name" lines.—*The Chemist & Druggist.*

R. BLACKIE has an exceptionally interesting, varied and useful exhibit, including specimens of practically the whole range of products offered by the firm. The dainty and pleasing get-up of the packed goods is at once noticed, but not only is it true in the case of these products that their "beauty charms the sight," but it may also be said after close and critical examination that their "merit wins the soul." "Spun" ointments deserve first mention. Beautiful specimens of boric, resin, zinc and gall ointments are shown. After the ointment has been made, and has set in the usual way, it is spun by machinery invented at Shen Works, at the rate of 4 to 5 cwt. per hour, and in this way a smoothness and fine even spread, unobtainable otherwise, is secured. The keeping properties of "spun" ointments deserve special mention. Some specimens made in February, 1909, are still smooth, and in excellent condition. A beautifully smooth specimen of confection of senna was also shown, and will excite the admiration of pharmacists who have tried themselves to produce this article. A very fine range of "Yena" Powders is also shown in well-finished boxes, and selling at protected prices, viz., 2½d., 4½d., 7½d. and 1s. for sizes costing respectively 18s., 33s., 48s., and 88s. per gross, with quantity discounts. The Eider Down Puff Powder, costing 18s. per gross and selling at protected price of 3½d., is most dainty in appearance. Fullers earth is offered in five different styles at 15s. per gross, and 30 ranges of tooth powder of excellent quality and in attractive packages are also exhibited. Spun ointments, tooth pastes, cold cream, and Pomade de Hongroise are also offered on most favourable terms in collapsible tubes. Malt and oil, lime juice and glycerine, hair washes and chillie paste in attractive styles are also produced. Kinosalve, for keeping cows' udders in condition, is finding a ready sale in agricultural districts, and sells at 1s., the cost being 8s. per doz. In conclusion, some excellent specimens of concentrated infusions and of liquors for B.P. syrups show that in galenicals also the products of R. Blackie leave nothing to be desired.—*The B. & C. D.*

Herewith we give some press accounts of our stand and the goods on show.

ROBERT BLACKIE

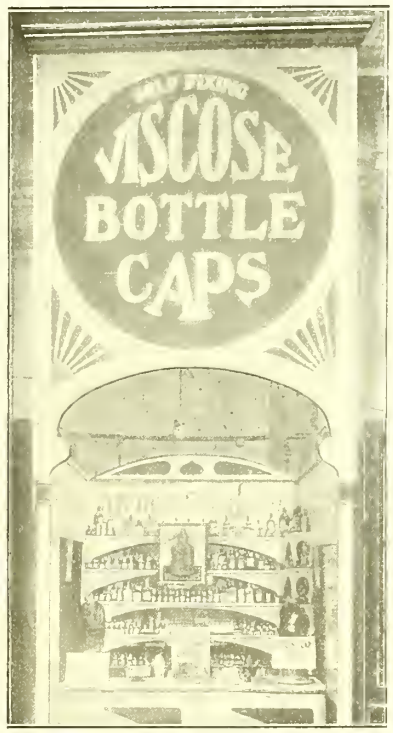
SHEN WORKS,
TOWER BRIDGE RD
LONDON, S.E.

Price List on Application.

VISCOSE BOTTLE CAPS

The "British and Colonial Druggist" says—

"Viscose Development Company, Limited, make a very pretty exhibit with their particular class of goods. A description of the Viscose Bottle Caps and their application to Pharmaceutical purposes need never exceed one word, i.e., 'Perfection.' It is difficult to paint perfection, or compare it with other things which it does not resemble, and so with Viscose Bottle Caps we have no comparisons to draw, for the principle involved are absolutely unique. The days of slow bottle capping and the wet and tiresome job of tying down are over, and once the new method of capping is adopted it remains a permanent means of dealing with all classes of bottled goods in a pharmacy. Transparent and opaque, coloured and plain caps can be obtained in all sizes. A novel suggestion is being utilised by many firms. The caps are impervious to oil and alcohol, and the Company are making special caps to shrink over corks themselves before they are inserted into the necks of the bottle. This will entirely obviate the presence of corks in bottling salad oil, the loss of alcohol in bottling perfumes; and, in fact, it will in many cases allow of the employment of corked instead of stoppered bottles. Attractive appearance of the finished goods, cleanliness, saving in time and expense are the important items which appeal to all pharmacists, manufacturers and sundry houses who need to tie down, finish off or make presentable their many articles."



The "Chemist and Druggist" says—

"The Viscose Development Co., Ltd., occupy a corner of the hall, and are demonstrating the uses and methods of applying Viscose Bottle Caps. Two giant bottle necks and stoppers are employed, a new cap being put on every few hours, so that the shrinking and fine appearance of the finished article are well shown. The caps are now employed for sprinkler tops as well as stoppers and corks, and being spirit proof as well as air proof have distinct advantages over other forms of capping for bottles of perfume."

BOOKLET FREE FROM THE VISCOSE DEVELOPMENT CO., LTD., 11 QUEEN VICTORIA ST., LONDON, E.C.

Are you stocking HUTCHINSON

Bathing Caps, Sponge Bags, Toilet Cases, Paddlers, Swimming Belts, Etc., Etc.

THE SEASON HAS NOW COMMENCED.

If your trade wants stimulating you cannot do better than show a range of our patterns. Why not inspect our list? It's full of new designs and special lines.

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Spectacles and Eyeglasses

TRIAL CASES, SIGHT-TESTING APPLIANCES and LENSES of all descriptions have a world-wide reputation.

WE ARE EMINENTLY FITTED TO DEAL WITH INDENTS AND ORDERS FROM ALL PARTS OF THE WORLD.

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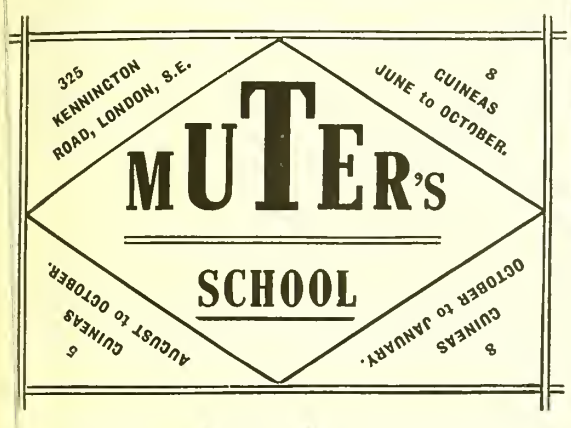

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(Concilio et labore.)

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Assistant Master—T. W. ATTENBOROUGH, Ph.C. Demonstrator—J. S. WHITE, M.P.S.

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Since January 1908, over **100 STUDENTS** have passed from this College. At the **April Examination** just concluded **12** Students from this College were successful in passing the MINOR with a percentage of over 60 per cent.

Half-Term May 12, Fee £5 5s., till July Examination.

For all Particulars of College, etc., apply the Principal.

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Principal: W. BEAVERLY-COWIE, Ph.C., F.C.S.
Heriot-Watt Medallist in Chemistry, and Edinburgh School of Medicine Medallist in Botany.

ASSISTANTS: Messrs. B. M. BRANDER and T. O. BROADBENT.

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MINORS—

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,, C. P. Bayne, Darlington.	,, O. M. Owen, Festiniog.
,, E. H. Elliott, Maryport.	,, B. J. Ryrie, Montrose.
,, C. B. Graham, Aspatria.	,, H. C. Walker, Keswick.
,, G. H. McWalter, Tranent.	,, D. Wallace, Leven.

The majority of these were successful at their first attempt.

The Present Term commenced on 6th April.

The Short Term commences on 17th August, for October Exams.

For Particulars apply to W. BEAVERLY-COWIE, Ph.C., F.C.S., 26 Clyde St., Edinburgh.

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The NEXT COMPLETE COURSES of Lectures, Classes, and Practical work
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London College Passes { **Jan., 1910 - MINOR 24** / **April, 1910 - MINOR 28**

On each occasion comprising nearly 40% of total pass.

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323 CLAPHAM ROAD, LONDON, S.W.

LEEDS COLLEGE OF PHARMACY.

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MAGNIFICENT PREMISES.
ABSOLUTELY PERSONAL ATTENTION.
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18 COLQUITT STREET, LIVERPOOL.

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EXCELLENT RESULTS.

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MORPHOLOGICAL BOTANY is studied at the Botanic Gardens on Saturday Mornings during the Summer Months.

Write for Prospectus, which contains a quantity of valuable information for Minor Students, post free on application.

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Distinction 1909.—Fairchild Scholarship, £50, Mr. B. Hall.

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Ten per cent. reduction in College fees to Correspondence Students on entrance

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Bath & West of England College of Chemistry & Pharmacy, 6 Cleveland Place East, BATH. (Tel. No. 827).

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8, 9 & 10 HATTON GARDEN, LONDON, ENG.

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Nine Gold and Silver Medals were also awarded to me--Paris, 1900.

GAINED HIGHEST AWARDS.

The only Gold Medal awarded for Clinical Thermometers.

INVENTIONS EXHIBITION, 1885, London.

Grand Prix, Franco-British Exhibition, 1908.

CLINICAL THERMOMETERS.

BUY YOUR CLINICAL THERMOMETERS OF THE REAL MAKER.

Over 50 different varieties to choose from

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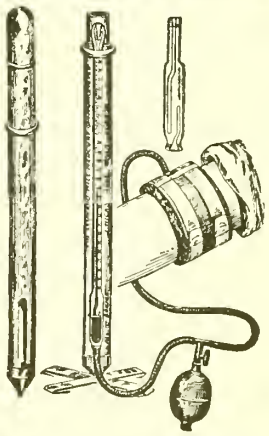
ILLUSTRATED PRICE LIST ON APPLICATION. SPECIAL QUOTATIONS TO LARGE BUYERS.

THE use of Armlets, Taps, and Mercury is entirely obviated. In size no larger than Clinical Thermometer. Zero adjustment is automatic.

10/- Post Free.

Readings identical with Riva-Rocci and Hill-Barnard Systems.



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Send for Sample Set, 6d. Postage free. Sample Set to Colonies, 10/6, which amount we credit for a £5 order.

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TRANSPARENT GREASE PROOFS

For wrapping round Bottles, Tins, Boxes, etc., to show the labels through and preserve same.

CAPPING SKINS

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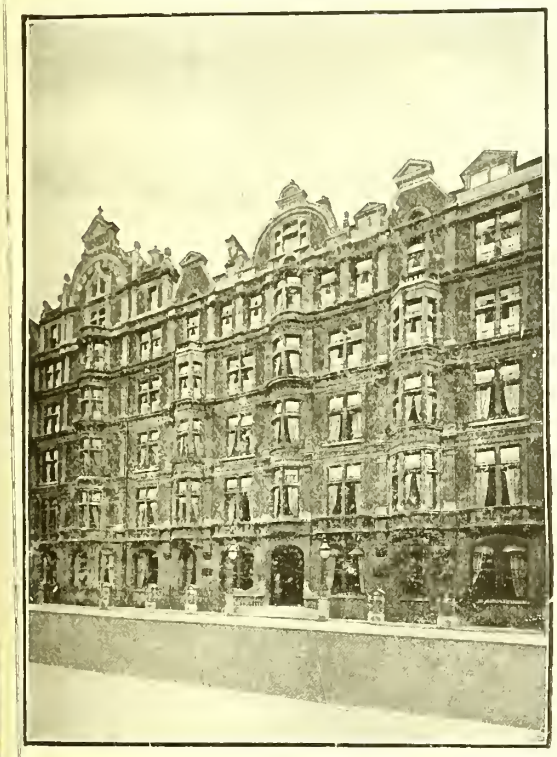
From London Stock.

Samples and Prices on application.

H. ERHARDT & CO., LTD.,

9 Bond Court, Walbrook, E.C., LONDON.

Two Popular Hotels in Central London.



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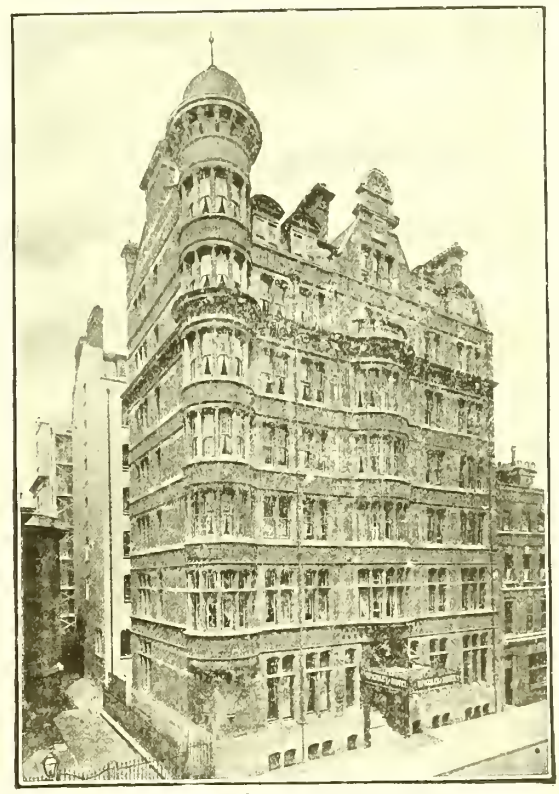

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OPPOSITE THE BRITISH MUSEUM.

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GREAT RUSSELL STREET, LONDON.

NEAR THE BRITISH MUSEUM.

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HART STREET, BLOOMSBURY SQUARE, LONDON.

Bedroom, Attendance, and Table d'Hote Breakfast, single, from 5/6 to 8/-. Table d'Hote Dinner, Six Courses, 3/-

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HERMANN MEFFERT & CO.
Hamburg 5.

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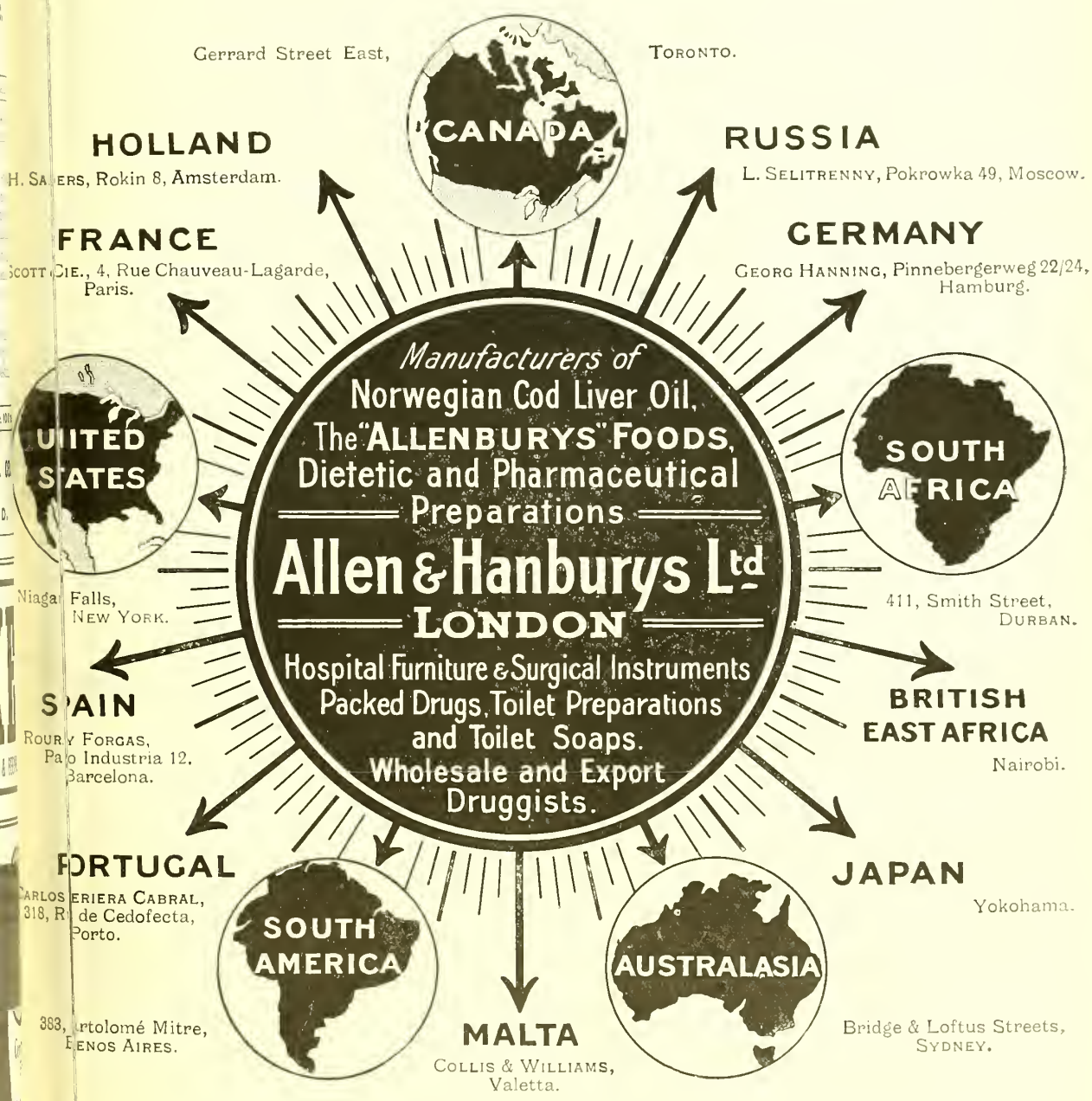
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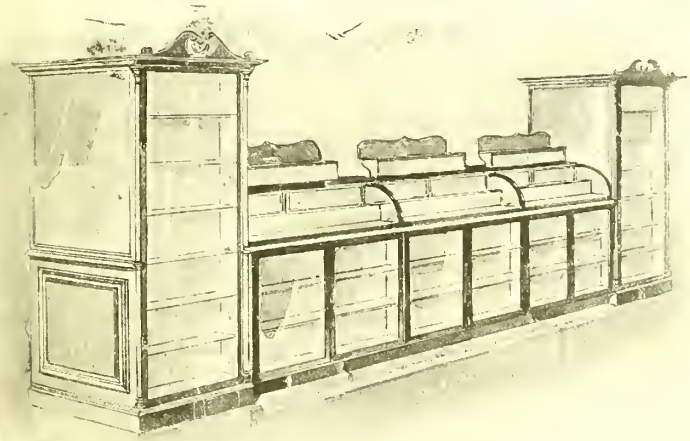

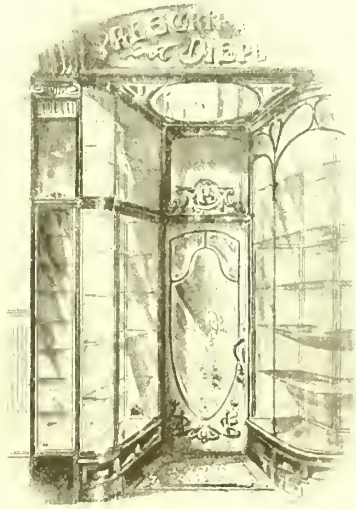

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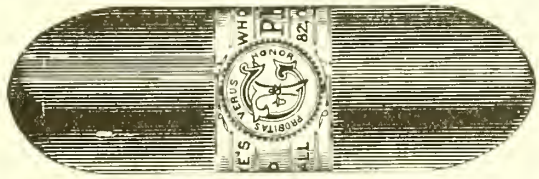

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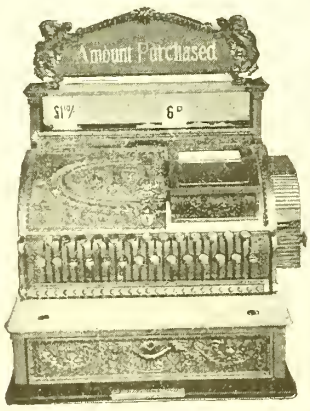

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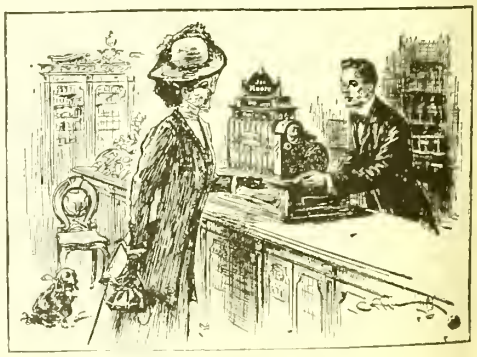

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THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, MAY 14, 1910

A Copy of this Supplement is inserted in every Number issued of "The Chemist and Druggist."

ADVERTISEMENTS FOR NEXT WEEK'S SUPPLEMENT

In consequence of the Funeral of King Edward the VIIth on Friday, May 20th, and in order to assist the General Post Office in the despatch of Friday morning's mails in advance, this Supplement will be closed for press next week on Thursday, May 19th, at 2 o'clock in the afternoon. Any advertisements received after that hour will be reserved for the issue of May 28th.

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May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

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5.—GREAT WESTERN MAIN LINE.—Cash Retail and Dispensing Business, returns £800 (present rate); double-fronted shop, handsomely fitted in mahogany; modern house; price £480.

6.—NORWOOD.—Light Retail, Dispensing, and Photographic; established 1841; returns £600, at fair prices; 6-roomed house; rent £36; to effect an early transfer £300 will be accepted.

7.—BANKS OF THE UPPER THAMES (First-rate Locality).—Retail, Dispensing, and Photographic; returns about £700; all profitable business; fittings good and attractive; very convenient house, held on lease; terms £50 and valuation of stock and fixtures.

8.—WINDSOR (near).—Old-established Business; gross receipts £1,700 yearly, which produce a net income of about £400; intending investors with £850 at command will find this a sound investment.

9.—SUSSEX.—Dispensing, Prescribing, and Dentistry, with excellent sale for own Proprietaries; returns last year £969; *net profit* £414; books open to inspection; price required £800.

10.—WORCESTER (Market Town).—Retail, Dispensing, and Photographic; all good middle-class business; main thoroughfare; returns £1,300 (average); modern-fitted shop (by Maw); roomy house; price £1,000.

11.—SOMERSET (Thriving Town).—Established Business; returns £700 per annum; *net profit* £200; good opening for extended trade; price £500.

12.—CUMBERLAND (Market Town).—General Retail Business; commanding position; returns £614; opening for Photographic Sundries and Optical; price £475; stock and fixtures valued at £600.

13.—HOME COUNTY.—Vendor retiring; established Business; Retail and Dispensing; present hands 30 years; returns £1,000; *net profit* £300; rent £32; no immediate opposition; price £600.

14.—BUCKS (Market Town).—Old-established Business; very good position; returns £800; *gross profit* £331; roomy house, held on lease; price £600.

Particulars of any of the above will be furnished on application.

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Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of business, &c.,** can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

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5.—CHESHIRE.—High-class Dispensing and Retail; returns £660, increasing; net profit £230; good house; price £450.

6.—HANTS (Market Town).—Light Family Retail; returns over £500; good profits; low rent; heavily stocked; price £360.

7. LONDON, S.E.—Light Retail and Dispensing; in good position; returns £1,200; handsome shop; price £850.

8.—LONDON, S.W.—Light Cash Retail; under manager; returns £500; excellent profits; good house and shop; price £360.

9.—SCOTLAND.—High-class Dispensing Business; returns £1,400 to £1,500; net profit £420; very best position; price £1,400.

10.—LIVERPOOL.—Light Retail and Dispensing; returns £750; net profit £200 to £220; excellent house; price £400, or valuation.

11.—SUFFOLK.—Unopposed Light Country Retail; returns about £800; net profit £250; good house; low rent; price £450.

12.—SOUTH COAST.—Good-class Retail and Dispensing; returns £750 to £800; gross profits £350; valuation required.

13.—MIDLANDS.—Sound General Retail; in market town; returns over £500; plenty of scope; low rent; price, valuation, about £350; worth attention.

14.—MIDDLESEX (10 miles out).—Light Cash Retail; returns £500; rent £36; good house, garden; price £175; £50 can remain.

15.—WESTERN SUBURB.—Good-class Business; returns £750; net profit £240; splendid position; price £450.

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STER COUNTIES.—Good-class Dispensing, Light Retail, and otographic Business (single handed); returns about b al locality; convenient house; main road; terms small will a valuation; 9 years of lease unexpired; or an offer to hase instalments from a suitable man would be considered y, "A." (37/22), Office of this Paper.

LOUC TER, 56 High Street.—Fixtures, Fittings, and remain- ing S k; £25; rent £22; returns £200. Apply, H. Carlton, ncastle or to Mr. Clutterbuck, Solicitor, Clarence Street, ocester

IVERP L.—Cash Drug-store in busy working-class district; old estab ed; owner having another business, will sacrifice for cash of ; lease; rent £34, with house; Prescribing, Light Retail, Penn trade; those desiring a business of this description uld wr at once. "Store," 47 Poulton Road, Seacombe.

ONDO S.W.—Drug-store in large working-class neighbour- hood o immediate opposition; returns last year under un- ified nagement £330; has done more; profitable, Drugs and scribin very few Patents; established over 20 years; price £90. ply, 34 , Office of this Paper.

ONDO N.—Branch; averaging £650; Dispensing and Prescrib- ing kings can easily be increased 20 per cent.; fine open- for m with knowledge of Dentistry, which would increase over m £3 to £4 a week. Apply, "X. Y. Z." (35/32), Office this Pa r.

ONDO S.E.—Good-class residential suburb; smart Retail, Disp sing, and Photographic Business; returns about £1,100; and ost handsomely-fitted shop, well stocked; excellent sition; e opportunity for energetic business man; price £750 near o ; bona-fide buyers only. Address, "Myrrh" (35/37), ice of t Paper.

ONDO N.—Widow lady wishes to Dispose of Business; returns £1,1 Full particulars on application to "W. W.," G. Baiss os. & S cuson, Ltd., Grange Road, Bermondsey, S.E.

ONDO —In busy main road, a Retail and Prescribing Business; larg profits; splendid openings for Dentistry and Photo- raphy; d sale for own Proprietaries; good house and new rainage ong garden; price £280. "Drugs" (38/30), Office of his Pape

LONDON, W.—Nicely-fitted modern lock-up Pharmacy; in good thoroughfare of pleasant residential suburb; Photo, Dispensing, Optics; excellent opening for Dentistry; returns last year £855; rent £45; net profit £235; every investigation invited; books fully kept; will sell to first reasonable purchaser for cash. 38/28, Office of this Paper.

LONDON, S.E.—Traveller has a good sound Business for Sale; takings £8 to £10 weekly; £125 cash. 5 Chantry Road, Brixton.

MANCHESTER.—For Sale, at once, well-established Shop in main street of city; good stand; little or no opposition; for cash low price; quick sale; retiring from trade. 39/8, Office of this Paper.

MANCHESTER (near).—Old-established Mixed Business in populous thoroughfare for Sale; well stocked and unusually fitted; good opportunity for capable man; none but bona-fide purchasers entertained; reasonable offer accepted; advertiser, leaving trade, must close at once. 37/16, Office of this Paper.

MIDDLESEX.—Dispensing, Prescribing, and Light Retail; good prices; returns £500; net profit nearly £200; stock and fixtures alone worth £350; ill-health only cause of sale; a good sound concern; price £200. For further particulars write, 166/73, Office of this Paper.

PROVINCIAL Suburb. — Genuine Business; rapidly increasing middle-class neighbourhood; exceptional profits, as takings are mainly own Specialities and Drugs; expenses only 23s. weekly; good house; unique position; good opening for Optics and Dentistry; price £400, or valuation. Apply, 35/3, Office of this Paper.

SOMERSET.—£65 or near offer.—Cash Drug and Prescribing Business; main position; good house; low rent; population 5,000; rare chance for man with fair capital; owner other engagement; opposition under unqualified management; lovely country, near seaside. Apply, "Radix" (36/63), Office of this Paper.

SOMERSET, COAST.—Light Retail and Dispensing Business in the main business thoroughfare of fashionable seaside resort; returns under manager £600; principal would easily do £1,000; low rent; valuable lease; attractive shop; price £50 and valuation; about £500 required. Apply, Berdoe & Fish, Valuers, 35 Jewry Street, Fenchurch Street, E.C.

SOUTH COAST.—Good-class Retail and Dispensing Business in small and rising town; returns nearly £1,200, increasing yearly; excellent position; handsomely-fitted shop, fully stocked; most desirable residence; price required valuation, plus small goodwill, about £900 altogether. Apply, Berdoe & Fish, Valuers, 35 Jewry Street, Fenchurch Street, E.C.

SOUTH COAST.—Good Cash Retail in suburb of large town; no opposition; established 5 years; returns £1,000; capable of doing £1,500; net profit £350; money in till every night, except £25 booking for whole year; also branch business; ½-mile apart; established only 18 months; returns under manager £400; quite capable of doing £600; price £1,350 the two businesses; these particulars are absolutely genuine; ledgers shown, and all information willingly given to likely buyers, but not before purchaser has proved he has ready capital. "Straightforward" (35/22), Office of this Paper.

SOUTHPORT.—Small Shop; established 11 years; house, sitting-room, 3 bedrooms, and conveniences; lease 8 years to run; capable of extension; suit young man; ill-health sole reason; price at valuation fixtures and stock (stock low). Agents, Coles & Forsyth, 36 London Street, Southport. Telephone, 483.

STAFFORDSHIRE.—Prosperous old-established Business; central position in large manufacturing town and district; exceptional opportunity for profitable investment. 35/16, Office of this Paper.

FOR prompt Sale, the Family and Dispensing Business, established since 1808, at 21 High Street, Gravesend, and for the last 34 years successfully conducted by Mr. R. Feaver Clarke, who now retires, can be acquired on favourable terms; double-fronted, well-fitted shop; good house; 13 years' lease at moderate rent. Apply, by letter, to above, or particulars may be obtained from "B. H. & Co.," The British Drug Houses, Ltd., 22-30 Graham Street, City Road, London, N. No agents.

BUSINESSES FOR DISPOSAL

(continued.)

GOOD-CLASS Family Retail in residential village near Liverpool; unopposed; returns about £1,000; net profits £240; price £450; good house, large garden and warehouse; rent £21; sound concern. Apply, "Genuine," John Thompson, Ltd., Hanover Street, Liverpool.

GOOD middle-class Retail, with profitable Proprietaries and Side-lines, for immediate Disposal owing to breakdown in health of proprietor; returns £885; profits good; capital house and garden; price £765; cash buyers who are willing to inspect at once only dealt with. 166/57, Office of this Paper.

OLD-ESTABLISHED Light Retail and Dispensing Business; in good position in inland watering-place; returns last year £524; net profit £200; thoroughly well stocked; ample scope for up-to-date Pharmacist; obliged to sell through illness; price £370 or near offer. "H." (36/8), Office of this Paper.

SPLENDID stand; good house; splendid chance for beginner; established over 20 years; Wine licence; returns £700; price £370. 36/21, Office of this Paper.

UNOPPOSED; busy centre; established marketing thoroughfare, N.W.; near Lipton's, Home and Colonial, Fitch, Pearks', Sainsbury's; moderate outlay modernising shop, money well spent; and popular prices attracting surrounding dense population, substantial proportion first class; £45 (offer), providing quick sale; reason aged vendor's complete breakdown; Dentist co-operating (sub-tenancy or otherwise) would meet pressing want. 165/61, Office of this Paper.

BUSINESSES WANTED.

BUSINESS wanted by qualified Chemist; cash ready £180; no Agents. Full particulars regarding returns, net profit, rent, etc., to "M. P. S." (35/26), Office of this Paper.

WANTED, a good-class Business; open to pay a good price for a genuine concern; capital at command. Particulars, in confidence, to "P. C. R." (33/22), Office of this Paper.

PREMISES FOR SALE.

BY Order of Mortgagee.—Four Shops; lease 19 years; net rentals £89; old-established Chemist; no opposition, with a shop for a Dentist; main road; near four stations; price £400 or offer. J. R. Howarth, Auctioneer, 21 Penton Place, London, W.C.

AGENCIES.

INTRODUCTION to German Trade.—The Advertiser having large factory and staff of accredited Representatives operating the whole German territory, and already selling own goods to all the leading Wholesale and Retail Chemists throughout Germany, is open to take up the entire German sale of a suitable English Speciality in high repute and in general demand; advertiser's position is unique for distributing, and, if necessary, manufacturing the goods wholly or in part as may be desired; principals of high-class firms desirous of large trade and willing to adequately advertise their goods to the German market are invited to communicate by letter with "C. X. V.," c/o C. A. G. Browne, 20 Wellington Street, Strand, London, W.C.

BOARD AND RESIDENCE.

BOARD and Residence.—Suitable for Student or Chemist's Assistant; nice bedroom and share of sitting-room with one other; home comforts; quarter of an hour to City and West End; very moderate terms. For further particulars apply to Mr. Merrell, Chemist, 1 Queen's Terrace, Camden Road, N.W. (opposite "Brecknock").

SALES BY AUCTIO

WAREHOUSE OR FACTORY, AT THE LOW UPSE £750.

FIELD, SONS & GLASIER will SELL by AUC Mart, E.C., on MONDAY, MAY 30, 1910, at 2, commanding Mercantile Premises, 42 Southwark Stre to London, Southwark, and Blackfriars Bridges, and 9,500 ft. floor space.

Particulars, etc., of Messrs. W. J. Fraser & Sc 78 Dean Street, Soho Square, W., or of the Auctio Offices, 54 Borough High Street, S.E., and 5 Waterlo

TENDERS.

NOTICE TO MANUFACTURERS OF CHEMI

THE Director-General, Ordnance Survey, is prepar applications from any firm which is willing to supply of Chemicals for Photographic and other purp

Applications for Forms of Tender and Specification to the Officer in Charge of Stores, Ordnance Survey Offi ton.

All Tenders must be submitted before noon on June 1910

TO LET.

IRLAM (8 miles from Manchester).—To be Let, up-t fronted Shop in best position on main road, wit accommodation; rent £28; splendid opening for Chem gist in this rapidly growing district; population inc cent. in 10 years. Apply, Kay, Architect, Irlam.

SHOP to Let at Shepherd's Bush, W. (corner of Ask Goldhawk Road), in a handsome block of 9 shops this fine marketing parade is lit by high-power incand busy trade centre; large shop, 17 ft. by 35 ft., sitting-room, 3 large bedrooms, kitchen, scullery, bathroom, entrance; caretaker on premises. Apply, Owners, T Ltd., 221 Upper Thames Street, London, E.C.

TO LET, an old-established Chemist's Shop; Surb opportunity to acquire good connection; rent o off £5; excellent house, garden, bath (h. and c.), si every convenience; possession at once if desired. Appl (37/26), Office of this Paper.

60 Fortune Green Road, West Hampstead, N.W.; ex ing for Chemist, this business not being repres immediate neighbourhood; shop and 7 rooms; rent £60 on lease. Apply to owner, Rathbone, 14 Westbere Hampstead.

PARTNERSHIPS.

SOUTH OF SCOTLAND.—Partner wanted in a good established Dispensing Business with turnover £1,200 year; to young, energetic, qualified man this would a cellent opening. Apply, Gordon & Whitelaw, Writers

APPRENTICESHIPS.

APPRENTICESHIP.—Vacancy occurs in high-cla under qualified Chemist, for Apprentice; good opp sons of Chemists or others to learn modern system of premium. Full particulars. A. G. Campbell, Chemist Stoffell & Fortt, Ltd., Drug Department, The Stores, Ba

DENTISTRY (Mechanical).—Mr. A. G. Fentiman ha for a Pupil. Apply, by letter, to 42 Bishopsgate W City.

SITUATIONS OPEN

3s. 6d. *for* 50 *words or less;* 6d. *for every* 10 *words beyond, prepaid.*

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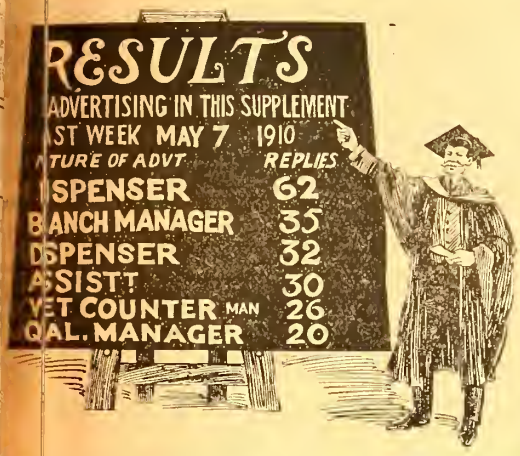

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MAN orrespondents answering advertisements in this Snpplement ese remittances to cover the cost of forwarding their letters to dvertisers who prefer to be addressed c/o this Office. The Plisher desires to make it clear that this is quite superfluous, a perhaps this reminder will obviate the necessity of the frent return by him of such remittances.

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REM BER you are one of possibly hundreds applying for the ss position. Put your case before the advertiser so that he m be able to form a MENTAL PICTURE of your suitaness.

BE B EF BUT CLEAR—millions of applications are consigned to th waste-paper basket UNCONSIDERED, because the reader co ot form this pieture from the inadequacy of the materials se efore him.

RETAIL.

A B DEEN.—Qualified Assistant wanted; young man preferred. Chem ate age, height, give full particulars of experience, Hunter, , 111 Union Street.

BI INGHAM.—Branch Manager.—Wanted, a thoroughly com- Cash ent and gentlemanly qualified Assistant for a good-class of ag spensing business; outdoors. Apply, with full particulars a ph height, experience, salary required, and, if possible, enclose ham. graph, to Hedges & Son, Pharmacists, Dale End, Birming-

BL KPOOL.—Assistant wanted; outdoors; good Dispenser and cetio ndow-dresser; knowledge of Photography preferred; qualifi- heig not essential; permanency. Apply, giving experience, age, Chem and salary required, enclosing photo, to C. R. Gaulter, , Central Drive, Blackpool.

BR ILEY (Kent).—Unqualified, gentlemanly Assistant; not State der 23 years of age; abstainer; unmarried; good references. doors sual full particulars, with photo and salary required (out- Henry Francis, M.P.S., 22 High Street, Bromley, Kent.

CA IFF.—Duck & Son require a qualified Manager for branch; gas. arried and Extractor preferred; salary £120 with house and phot ullest particulars in first letter, age, height, references, etc.

CHELTENHAM.—R. Jeffrey & Son have a vacancy for an Assistant, accustomed to high-class Dispensing; one only kept; please state salary required and usual particulars; applications not answered in three days declined.

CLAPHAM, S.W.—Junior for brisk suburban Retail, Dispensing, and Photo business; good Salesman and Window-dresser preferred. If not personal application, send photo, with usual particulars, to J. Timmis, 290 Clapham Road, S.W.

COVENTRY.—Wanted, a smart qualified Assistant for Light Retail and Photographic business; good window-dresser; abstainer. State age, height, and other usual particulars, enclosing copy of testimonials, also photo if convenient, to Bampton's, Cash Chemists, Ltd., near Gosford Green.

FALMOUTH.—Wanted, qualified Assistant; about 30; capable of taking charge if required; must be well up in Dispensing and Counter work, also with knowledge of Photography; outdoors; half-holiday weekly. Apply, stating full particulars, salary required, etc., and enclose photo, to J. A. Hocking, Wilmer & Hocking, Chemists, Falmouth.

GUILDFORD.—Qualified Junior wanted, by June 1, for Dispensing, Prescribing, and Retail. Apply, stating age, height, references, and salary required (outdoors), W. Jacobs, Guildford, Surrey.

LONDON, E.—Qualified Assistant (elderly preferred) for Thursday evenings, 6 to 9. Apply Saturday, after 6 o'clock, to Goosey & Rogers, 51 Ben Jonson Road, Stepney, E.

LONDON, N.—Wanted, smart, reliable Junior or Improver. Apply, Barton, Chemist, Palmer's Green, N.

LONDON, S.E.—Wanted, as soon as possible, a smart young Assistant, qualified, for quick suburban business; indoors; personal interview. J. Davies, 119 Railton Road, Herne Hill.

LONDON, S.E.—Wanted, May 30, an outdoor Assistant, about 22 or 23, for Clapham district; must be well recommended, a good Dispenser, and possess a fair knowledge of Photography. Apply personally, or send full particulars, enclosing photo, to Banbury, 390 Walworth Road, S.E.

LONDON, W.—Assistant wanted; 20-24; indoors; May 30; good Dispensing experience necessary. Apply, stating age, experience, salary required, etc., to A. E. Grimwade, 81 Cornwall Road, Westbourne Park, W.

LONDON, N.W.—Manager wanted, at once; young, qualified; good references; working-class business; rather long hours. State salary required and usual particulars to 1 Princess Road, Kilburn, N.W.

LONDON SUBURB. — Thoroughly experienced and capable Manager, qualified or unqualified (35 to 45), wanted for good middle-class business; easy hours; splendid opportunity for smart pushing man; good Extractor and knowledge of Dentistry preferred, but not essential; good references indispensable. First letter full particulars, age, experience, references, salary expected (outdoors), 38/24, Office of this Paper.

LONDON.—Unqualified Junior, with good all-round experience; outdoors; time could be given for study. Apply, giving usual particulars, to Gristock & Co., 1 Blandford Street, Manchester Square.

LONDON, W.—Qualified Assistant with good Dispensing experience; 3 assistants kept; outdoors. Apply personally, or give full particulars of previous engagements, age, height, salary expected, and when disengaged, to Sharpe & Son, 54 High Street, Notting Hill Gate.

LONDON, S.W.—Qualified Assistant; with good Dispensing experience; about 23; indoors. Also an Apprentice. Apply, W. H. Bate, 44 Harrington Road, South Kensington.

LONDON, E.—Unqualified Assistant required; smart Junior would do. State salary required, &c., to "Radix" (39/30), Office of this Paper.

LONDON, E.—Qualified Manager (about 30), married, wanted for branch to live over premises; salary £132 and liberal commission; please furnish full particulars of experience for last three years and give references; working and middle-class Store trade in main thoroughfare. Apply, 39/31, Office of this Paper.

SITUATIONS OPEN *(continued).*

MANCHESTER.—Wanted, Branch Manager for Drug Store; unqualified; Extractor. 38/2, Office of this Paper.

MANCHESTER DISTRICT.—Wanted, qualified Branch Manager; one used to Drug-stores preferred; must be of good appearance and competent to take sole charge; one desiring a permanency preferred. Send full particulars as to age, salary required, photo, and references, to "X. X.," care of C. Harrison, Chapel Street, Victoria Bridge, Manchester.

MANCHESTER DISTRICT.—Qualified Branch Manager (married) required for high-class Retail, Dispensing, and Photographic business, to live on the premises; age not to exceed 35. When applying state salary, age, height, family (if any), references, etc., and enclose photo (to be returned), to T. Woodruff, Ph.C., West Didsbury, Manchester.

MARGATE.—Junior Assistant (outdoors), for Light Retail; knowledge of Photography essential. Apply, with full particulars, to Holmes, 110 High Street, Margate.

ST. THOMAS'S HOSPITAL, S.E.—Wanted, Male Assistant, for 15 weeks, commencing June 6; Major or Minor; £2 2*s*. per week; hours 9 to 5; no Sunday duty; applications not answered by 19th to be considered unsuccessful. Apply, by letter, with copies of two recent testimonials, J. A. Jennings, Pharmaceutist.

SOUTH AFRICA.—Qualified Assistant required, at once, for large town in Cape Colony; must have had high-class experience; good writer and bookkeeper; age 22-28 (single); preference given to a total abstainer; second-class passage paid out; 3 years' agreement; salary first year £160, second year £180, third year £200 (free quarters provided). Further particulars concerning hours of attendance, etc., on application to "Export" (166/31), Office of this Paper.

SOUTH AFRICA.—Wanted, a qualified man, unmarried, to take Senior position in a good-class Retail; salary commencing at £20 per month; bedroom provided; passage paid out; good prospects. Apply, "L.," 54 Queen Elizabeth Street, London, S.E.

SOUTHSEA.—At once, a well-trained Junior of good address for a Dispensing business. Fullest particulars in first reply, also photo, to T. O. Barrow, Palmerston Road, Southsea.

ROTHERHAM HOSPITAL AND DISPENSARY.—Wanted, a Dispenser; state particulars of qualifications and salary required. Apply to Secretary, G. W. Roberts, 8 Moorgate Street, Rotherham.

ROYAL SOUTH HANTS AND SOUTHAMPTON HOSPITAL.

QUALIFIED Dispenser (male) required. Minor qualification necessary. Salary £60 per annum, with rooms, board, and washing. Applications, stating age, with three recent testimonials, to be sent to the undersigned before the 19th inst.

T. A. FISHER HALL, Secretary.

May 3, 1910.

TUNBRIDGE WELLS.—Immediately, qualified Assistant for high-class Dispensing business; indoors; 2 kept. State usual particulars, salary required, and enclose photo, Howard & Son, Tunbridge Wells.

VENTNOR.—Immediately, Assistant; about 22; best-class Retail and Dispensing; knowledge of Photography essential; qualified or not; indoors; half-holiday weekly; a good Junior entertained leaving apprenticeship if experienced. Usual particulars, stating when disengaged, to Dunning, Ventnor.

WORCESTER.—Unqualified Assistant wanted, accustomed to Dispensing business; indoors; comfortable home; duty divided between three. Hornblow & Son, Chemists, Worcester.

AS a Manager; a permanent position in a first-class Dispensing establishment or a Branch business; with good credentials. Apply, E. D. Webber, 7 King's Parade, Church End, Finchley, N.

CAPABLE Assistant wanted, accustomed to Mixed Country business; outdoors; good references. Experience, age, height, salary required to Hughes, Chemist, Mold.

DISPENSER to Surgeon; North London; evenings only, 6 to 10; one evening off. Apply, stating age, salary, etc., 32/38, Office of this Paper.

MALE Dispenser wanted, to live on the premises; unfurnished room and light free. State salary required and apply, with reference, to Drs. Hoar and Ground, 1 Ashford Road, Maidstone.

MANAGER, qualified, for small Branch business in Richmond; married man seeking permanency preferred; early in June; house found. Apply, with usual and full particulars, to J. Parrott, Richmond Hill, Surrey.

MANAGER for Branch; Light Retail and Prescribing bu London suburbs; live on premises; knowledge of Opti Extractor preferred; permanency for good man willing t shares in private company. "Statim" (35/34), Office of this

QUALIFIED Manager required for small Branch; lock-up no Sunday duty. Please state full particulars as to sal quired, references, and, if possible, please enclose photo returned), to D. E. Davies, Chemist, Treorchy, Glamorgans

SEASIDE.—June to September; unqualified Junior; capa Dispensing and Counter. Send photo and full parti "L. W." (36/9), Office of this Paper.

SMART gentlemanly Assistant; able to do ordinary Dental experienced in taking Impressions, etc.; able to as Counter as required; permanency; age about 25 to 30; ou W. O. Smith, Pharmacist, Fareham, Hants.

SMART qualified Assistant required for recently-opened end business; outdoors; preference given to man will invest small capital; entire charge. "Fidelis," 34 Lan Gardens, Clapham.

SUPERINTENDENT; quite nominal supervision; 3 or 4 very light duty in small working-class business, ha from Liverpool Street, N.; only very moderate remuneration. views; suit middle-age desiring augment private means; ab preferred; close Thursdays 2 and Sundays. "Facile" (Office of this Paper.

TO Dispense and attend Retail open Surgery, London; pre to one with Medical knowledge; close 5 Thursdays; me sleep out. State salary required, age, and previous expe 31/10, Office of this Paper.

UNQUALIFIED Assistants for Wholesale and Retail trade; canvassing; small trade; good bookkeeper; pleasing ma sober; age about 30. Apply, Evan Jones, Chemist, Llanelly.

WANTED, an Assistant for an old-established Country b (with local Wholesale); one not afraid of work and stockkeeper and window-dresser; would be required to travel two days a week; not under 30 years of age, and not nece qualified. Wilson's Drug-stores, Kettering.

WANTED, Assistant; good appearance and address; 5 ft. 9 in.; splendid opening for the right man. Apply Office of this Paper.

WANTED, May 30, qualified Assistant; outdoors; must be obliging, and of good character. Apply, stating age, salary required, giving references and enclosing photo, to Willcock, 71 Victoria Street, Wolverhampton.

WANTED, qualified Dispenser for Blackheath and Cl Cottage Hospital; afternoon work only; salary £40-£ annum, non resident. Apply, with testimonials and referen Hon. Secretary, Blackheath and Charlton Cottage Ho Shooters Hill Road, Blackheath, S.E.

WANTED, a Junior Assistant; outdoors. Apply, giving fu ticulars, to D. P. Roberts, Chemist, 120 North End, Cro

WANTED, unqualified outdoor Assistant for Ready-mone scribing and Photographic business; must be a good Sa and well recommended. Apply, by letter only, stating age, salary expected, when disengaged, and usual particulars, 33 Croydon Road, Penge, London, S.E.

WHOLESALE.

PARIS.—Young Assistant in small Wholesale; one with sale experience preferred; French not necessary; pl work, but short hours. Scott, 4 rue Chauveau-Lagarde, Pa

SOUTH AFRICA. — Representative, having already som stantial and allied agencies, wanted by Export Dru knowledge of country indispensable. Apply, with full parti to 94/67, Office of this Paper.

DRUGS.—Junior Wet-floor Counter hand required for a Wholesale Manufacturing Druggist's house. Address, previous experience and salary expected, to "Tincture," c/o S 30 Cornhill, E.C.

EXPERIENCED man wanted to take charge and devel Put-up Goods Department of a Wholesale Drug House vious experience absolutely necessary. Apply, with full p lars, to "Sassafras" (166/28), Office of this Paper.

EWOM N wanted; experienced in Putting-up Toilet Articles and P umery; must be well educated and a good dis- arian. X. Y." (166/41), Office of this Paper.

ARMAC T.—A young and energetic qualified Pharmacist about 7 years of age) required in a large firm of Wholesale featuri Chemists; must be an accurate and quick worker; ons exp ence in the Wholesale not essential. 166/64, Office a Paper

PRESE ATIVE required by Wholesale house in Yorkshire to call up Medical men, etc. When applying please state salary uired, when at liberty, previous experience, what otion (any) to 36/31, Office of this Paper.

PRESE ATIVE wanted, calling upon Wholesale Grocers, Genera ealers and Chemists' Sundriesmen and Drysalters to r Speci ties—Sauces, Baking-powders, and General Chemists' d lines; ust be of sound commercial standing; age 35 years; e whole England and Scotland; undeniable references; state , exper ce, married or single, ground previously covered; nency the right man. Apply, Raybould, Whitehouse & Co., Wholes Druggists, Packers of Household Specialities, Re- Works, dley, Worcs. Telephone 4 and 127. Telegrams "Sol, y."

PRESE ATIVE wanted for Birmingham and district; must have a d knowledge of the Druggists' Sundry trade and a otion: mmission basis. J. Roan, 11 Fentiman Road, n, S.W.

AVELLE wanted for Glasgow and district by a well-known firm of holesale Druggists and Manufacturing Chemists; be energ ic and have thorough knowledge of the trade and a connect amongst Chemists, Doctors, and Veterinary Sur- Appli tions, strictly confidential, stating age, full parti- of ex ience, with ground covered, salary required, and graph, possible, 36/15, Office of this Paper.

AVELLE required for South and East Coast by Druggist Sundrie irm; excellent chance for smart experienced man. ulars o previous experience, houses represented, salary and es requ d, 35/92, Office of this Paper.

TRAVELLER required for London by Wholesale Druggists' Sundries firm; must have thorough knowledge of trade and connection amongst Chemists and Stores. Applications, with full particulars of experience, salary required, 35/29, Office of this Paper.

TRAVELLERS (one for Eastern Counties, Midlands, Potteries, etc., and another for London and suburbs) having good connections and now covering the ground for another house, can have a first-class Line to work in conjunction. If you mean business write, with full particulars, in confidence, to "Sundries" (37/1), Office of this Paper.

TRAVELLERS wanted by Druggist Sundries firm; preference given to those who have already successfully represented other firms; first-class references necessary. Applications, stating age, full particulars of experience, ground covered, salary, and expenses required; strictly confidential. 35/209, Office of this Paper.

WANTED, smart, energetic gentleman with first-class connection amongst large Retail Chemists and Stores, by large firm of English Tooth-brush Manufacturers. Address, stating all particulars, 33/1, Office of this Paper.

YOUNG gentleman wanted by firm of Exporters; some knowledge of Bookkeeping and Drug trade essential excellent opportunity for smart youth; salary to commence £52. Apply, in own handwriting, with full particulars, to "East" (36/6), Office of this Paper.

SITUATIONS WANTED

(Colonial, Indian, and Foreign).

1s. for **12** words or less; **6d.** for every **10** words beyond, prepaid. Replies addressed to this office will be forwarded to the advertiser for an additional charge of **6d.**

This heading is reserved for assistants seeking situations in the British Colonies, India, and Dependencies or elsewhere abroad.

YOUNG, unqualified, desires position of trust; excellent references; can deposit security; hard worker; England or abroad; married. Apply, "H. R." (39/14), Office of this Paper.

SITUATIONS WANTED

[HOME.]

RETAIL.

RMANE Y; qualified; single; 37; view to interest or other- ac; go varied experience; disengaged. "Energy" (34/3), of this per.

TIVE, q ified, single man; 37; good varied experience; any ass tra town or country; disengaged. "Chemist," 17 Hali- treet, H ney, London.

UM or anager; qualified; 36; disengaged. "Antipyrin," vans, S s & Co., Liverpool.

Y; 22; years' experience; Counter; good reference. E. Roberts, Caia Road, Wrexham.

T TIM London; age 38; unqualified; 22 years present place. Duhar 32 Gaisford Street, N.W.

HOR, 4½ ears' Irish experience, good Compounder, desires gagemen 34/33, Office of this Paper.

ALIFIE 26; South Coast, West-End, Riviera experience; ountry l ferred. Smart, Littlehampton.

UM; M r; good references; July, part September vacant. Chemist "Boyton," Elburton, Plymouth.

PERIEN D; disengaged; outdoors; London; permanency or ocum. ualified," 32 Redburn Street, Chelsea.

UM or manency; qualified; middle-aged; abstainer; dis- ngaged. Phenacetin," 10 Raby Street, Darlington.

DON.— alified woman Dispenser, Hall and Minor, wants ork. ina;" 238 Albion Road, Stoke Newington.

QUALIF D; 6 years' experience country Drug-stores; ravelling ot objected to. 31/4, Office of this Paper.

QUALIFIED, well educated (21), as Assistant in good-class Dispensing business. Buckley, c/o Fields, Chemist, Beverley.

ASSISTANT, unqualified, 6 years' Retail experience, desires position of trust; Wholesale or Retail. 34/25, Office of this Paper.

LOCUM; qualified; experienced; well recommended; young, energetic. Herington, Royal South Hants Hospital, Southampton.

UNQUALIFIED Asistant, speaking French, Italian, and English; all-round experience; good references. 33/40, Office of this Paper.

EXPERIENCED Branch Manager or Locum; abstainer; single; well recommended; unqualified. "Chemicus," 19 Chapel Street, Uxbridge.

UNQUALIFIED; good salesman; 35; tall; single; Photography; thoroughly experienced; undeniable references. "Statim," 32 Trinity Road, Tooting, S.W.

MANAGER; qualified; 26; abstainer; energetic and trustworthy; town and provincial experience; undeniable references; South. Robinson, 83 Nodehill, Newport, Wight.

SURGEON'S Dispenser (certified) and Surgery Assistant; Locum or permanent; experienced; excellent references. Apply, "Binaural," 7 Sandall Road, Camden Road, N.W.

ASSISTANT; expert Counterman, Dispenser, Window-dresser; 15 years' experience, London and suburbs; tall; single; unqualified; good references. Apply, 32/36, Office of this Paper.

IMPROVER, well educated, good appearance and address, will accept small salary for either comfortable indoor or outdoor berth; excellent references. Harrop, c/o Nood, Chemist, Malvern.

LADY Dispenser, Hall qualification, requires post with Doctor or Institution; experience with both; free immediately; excellent testimonials; whole or part time. "G. L.," 11 Oakley Street, S.W.

LADY Dispenser, Hall qualification, desires engagement; Locum or permanency; Institution or Doctor; good experience and references. Miss Hodgson, Woodsleigh, Stoughton Road, Leicester.

SITUATIONS WANTED (*continued*).

LOCUM; qualified; 32; disengaged May 27 to June 5. F. W. Manning, Fairford, Glos.

JUNIOR; 20; height 5 ft. 6 in.; 4½ years' experience. Davenport, c/o Lester, Chemist, Bedworth.

JUNIOR or Improver; age 19; 4 years' experience; references. "A. D.," 1 Brook Street, Treorchy.

QUALIFIED; 27; South Coast and Continental experience. Witchell, Broad Street, Blaenavon, Mon.

MANAGER; qualified; good varied experience; highest references. Sharp, 2 Malvern Road, Kilburn, N.W.

UNQUALIFIED; 28; abstainer; Preseriber; could travel or Manage. FitzPatrick, Annfield Plain, Durham.

M.P.S. disengaged; Locum, season, or Doctor; references. Dixon, 55 Colne Road, Burnley.

JUNIOR; 21; first-class Dispensing experience; shortly disengaged. W. Humphreys, 2 Berkeley Street, Cheltenham.

ASSISTANT; 24; tall; good experience; disengaged May 23. "Phenalgin," c/o Tucker's, Obelisk, Lewisham.

LOCUM, "Cymro," booking engagements; abstainer. Herbert Jones, M.P.S., Glenview House, Cwmpark, Treorky.

UNQUALIFIED (21), excellent reference, requires berth, North of England. Flint, 4 Margaret Buildings, Walcot, Bath.

QUALIFIED; 24; 8 years' experience; Counter, Dispensing, and Photographic; London preferred. Dye, 7 Monks Road, Lincoln.

ENERGETIC, trustworthy Junior; 5½ years' experience; Photography, Window-dressing. Clapham, Trafalgar Square, Barking.

DOCTOR'S Dispenser requires situation; Hall qualification; good references; town or country. "B.," 11 Langdon Road, Bromley, Kent.

MANAGER; qualified; 38; married; good Counterman, Dispenser, etc.; excellent references. "Aspirin," 13 Clarendon Gardens, Maida Vale, W.

JUNIOR; Manchester or district; good General experience; Photography; disengaged. Particulars from Roberts, 119 Bury New Road, Bolton.

LOCUM; qualified; good references; all-round experience; booking forward; disengaged May 23. W. Hudson, M.P.S., Swan House, Portland Street, Lincoln.

LADY Dispenser (Hall qualification) desires post with Doctor, Chemist, or Institution; excellent references. Miss Davies, Goytre Fawr, Killay, Swansea.

UNQUALIFIED; 30; Counter, Dispensing, Photographic; 6 years present situation; disengaged June 4, or earlier if required. 110 Malefant Street, Cardiff.

LOCUM or permanency; all-round experience; steady, reliable; tall; 34; excellent references; qualified; disengaged August 7. Crisp, 16 Bexley Road, Belvedere, S.E.

QUALIFIED (24), 8 years' all-round experience, seeks permanency; excellent references; Yorkshire preferred. Moore, Pharmacist, 137 Salt Street, Manningham, Bradford.

JUNE 11 to August 14; qualified Locum; high-class experience; West End, provinces, and seaside; 25; tall. "M.P.S.," c/o Brown, 216 London Road, South Lowestoft.

BRANCH or Assistant; 14 years' good-class Retail and Store experience; 28; unqualified; good salesman and Preseriber; outdoors. Todd, Shankhill, Longhbrickland, Downshire.

SMART Assistant; unqualified; 27; 6 ft.; first-class experience; Photographics; good window-dresser, Counterman; disengaged. "Rhei," 50 Rumford Street, Oxford Road, Manchester.

PHARMACIST, speaking French, West-End, Paris, and Riviera experience, desires season engagement; England or abroad; highest references. "Pharmacien," 2 Wharf Road, Grantham.

QUALIFIED; 29; single; Locum, permanency; Branch or Assistant; Dispensing, Photography, Prescribing; town and country experience. W. Longstaff, 2 Houghton Terrace, Houghton-le-Spring.

LOCUM; qualified; Optics, Dental, Photographic. 4 Ia Road, Putney.

ASSISTANT; 32; good references; permanency. Wle Chemist, Blaina, Mon.

LOCUM; qualified; 30 years' experience. "Pharmacist thew Park Avenue, Stratford.

IMPROVER wants situation; 2 years' Retail experienc 44 Richmond Road, Hackney.

LADY Assistant; young; whole or part time. "I 5 Montpelier Street, Brighton.

SOUTH Coast; season or Locum; qualified; experienced. 228 Upper Parliament Street, Liverpool.

DISENGAGED; unqualified; several years' experience Lelcan, 2 Rockville, Hautville, Guernsey.

UNQUALIFIED; 27; 11 years' Dispensing, Counter; Ci "W. E.," 96 Fawe Park Road, Putney.

LOCUM; at liberty; Dispensing, Prescribing, Photogr Extracting. 37/14, Office of this Paper.

HALL qualification; abstainer; disengaged; single; ge ence. "S.," 164 Powis Street, Woolwich.

JUNIOR; 20; 3 years' experience; disengaged; North "J. W. H.," 128 Prospect Road, Scarborough.

MANAGER; qualified; good Agricultural experience; May 28. Proudfoot, High Street, Stevenage.

ASSISTANT; unqualified; 23; good experience; town "N.," 5 Bamboro' Gardens, Shepherd's Bush.

MANAGER; permanency or Locum; best London n experience. "Qualified," 22 Elgin Avenue, W.

ASSISTANT or Manager; unqualified; abstainer; hig ences. Jackson, 152 Riverdale Road, Plumstead.

IMPROVER or Junior; 20; Lancashire town or city; of Dispensing and Photography. 14/12, Office of thi

ASSISTANT; outdoors; 34; unqualified; permanency; ence. Forbes, 7 Princes Terrace, Grange Road, Birk

ASSISTANT; 23; tall; abstainer; 8 years' good Photographic, and Counter experience. 37/40, Off Paper.

UNQUALIFIED; qualifying soon as possible; 35; marri Management preferred; permanency. "Statim,"

M.P.S.; 29; disengaged; good all-round and experience. Apply, "Pharmacist," 83 Road, London, S.W.

YOUNG lady requires situation as Packer to Chemist small salary; good reference. "E. W.," 20 Gro Squires Lane, Finchley.

ASSISTANT (unqualified); 23; tall; 8 years' all-round good Dispenser and Prescriber; disengaged. "Radi don Road, Horsham, Sussex.

M.P.S. desires situation in town, with facilities for Major and Optical; tall; 23; abstai lent experience. Bryant, Congleton, Cheshire.

LADY; qualified; disengaged; highest references; Bookkeeper; several years' varied experience "M. P. S.," 94 High Road, New Southgate, N.

UNQUALIFIED; experience 29 years; speaks Fren highest references; in England or abroad, or as Doctor or Chemist. 36/16, Office of this Paper.

SWISS Chemist requires situation in England; spea German, and very fair English; small sala Pharmacie Centrale, 11 Shaftesbury Avenue, W.

COMPETENT; unqualified; 32; Locum or permanent; berth; London preferred; capable of management penser. "Reliable," 84 Moncrieff Street, Peckham.

GENTLEMANLY youth, tall, good appearance (16½), just left school, wishes to enter good Chemist's business. Address, J. Melk John, Stanway, Clarence Road, Harpenden.

QUALIFIED; enthusiastic worker; 26; tall; 10 years' all-round experience, Photography, Prescribing, Optics; gentlemanly appearance; country preferred. 62 Mortlake Road, Ilford, Essex.

QUALIFIED Pharmacist and Surgeon Dentist; good all-round experience; single; Manager, etc.; disengaged; moderate salary; for out doors. "Veritas," 37 George Street, London, N.W.

RELIABLE for permanency; varied experience; suburban and City; reliable Dispenser, Prescriber; tactful Salesman, good Organiser; highly recommended. Forster, 5 Coleridge Road, Finsbury Park, N.

SITUATION as Manager or Assistant in Light Retail Business; West of England preferred; good experience; obliging; 8 years in business own account; married; 35; no family; unqualified. "Aspirant" (36/36), Office of this Paper.

MANAGER, qualified (35), married, requires permanency in London; wide experience London and provincial; Photographic, Dispensing, Window-dresser, good Salesman; energetic, trustworthy; life abstainer; reliable. Apply, 38/21, Office of this Paper.

QUALIFIED Locum; age 25; several vacant dates between May and November; tall; good appearance; Counter, Dispensing, Photography; excellent references. Buttery, 395 Chiswick High Road, W.

QUALIFIED; 33; 5 ft. 9 in.; married; 19 years' experience in good class Retail, Dispensing, Prescribing, and Photographic; abstainer; over 8 years last berth as Manager; permanency desired; disengaged; excellent references. Harper, 5 Greenfield Street, Shrewsbury.

ASSISTANT; 26; German; energetic; good experiences of French, English, German Dispensing, Photography; 18 months Brussels; speaks French fluently; good knowledge of English; excellent references. R. Kracht, The British Pharmacy, 288 Avenue Louise, Brussels.

WHOLESALE

ESSENCES, Perfumes, Floral Ottos; experienced maker open offer. 39/6, Office of this Paper.

YOUNG man (22) seeks situation on Dry Floor; excellent experience. Letters, 33/23, Office of this Paper.

COMMISSIONS wanted; good lines to meet competition. Thomas Agencies, 74 Orleans Road, Old Swan, Liverpool.

TRAVELLER accept Agency commission, good connection, expenses and commission. "S. P.," 784 Holloway Road, N.

24; desires berth as Representative; smart appearance; good business capabilities; energetic; reliable. 34/36, Office of this Paper.

ANALYTICAL Chemist (22) desires situation in Works or Laboratory; 3 years in Borough Analyst's Laboratory; good general training. Warren, Caldecote Street, Newport Pagnell.

CHEMIST wishes to place son (16) with Wholesale firm (London), where could gain knowledge of Laboratory and Analytical work; passed Camb. Local. Parkinson, 87 The Avenue, Tottenham, N.

GENTLEMAN, 16 years' home and South African experience (5 years Travelling England and Scotland), good organiser, would accept responsible position Drug and allied trades. 38/36, Office of this Paper.

TO Toilet, Sundries, or Speciality Firms.—Representative.—Advertiser, with sound established connection amongst Chemists in Home Counties, Midlands, and South Coast, is desirous of communicating with a house requiring a Salesman. 35/8, Office of this Paper.

MISCELLANEOUS.

McADA & TUCKNISS, Sharedealers, Bank Chambers, Blackheath, S.E. Telephone 81 Lee Green.
SHARES FOR SALE (free of commission, subject).—260 Baiss Bros. & Stevenson ½ per cent. Preference, 19s. 1½d.; 300 Baku Oil, 6s. 3d.; 300 Oil Trust 10½d. premium; 10 Evans Lescher Preference, 103s.; 50 G. B. Patent Preference, 17s. 4½d.; 90 A. J. White Ordinary, 2s. 4½d.; 9 Lewis & Burrows 6 per cent. Preference, 11s. 3d. c.d., 300 Ordinary, 2s. 9d.; 200 Angostura Bitters £1 fully-paid 6 per cent. Preference (participating up to 7 per cent.), 19s.
WANTED (subject).—40 Camwal Preference, 4s. 7½d.; 500 Idris "A" Preference, 3s. 3d.; 200 "A" Ordinary, 3s.; 100 A. J. White Ordinary, 2s. 9d., 100 Preference, 9s. 6d.
List of shares for sale and wanted sent free on application. Bankers, London County and Westminster. Established 1898.

BARGAINS IN SHOPFITTINGS (second-hand).—Two Plate-glass front Serving Counters, one 17 ft. long, price £12, another 12 ft. long £8 15s.; wall Show-case, 10 ft. 6 in. long, mirror centre, price £12 ; Drug-fitting, 12 ft. long, £12 10s.; Desk and Perfume-case, 45s. Plate-glass Counter-case, 5 ft. long, 80s.; quantity of other fittings, various sizes, great bargains. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C.

WE HAVE WHAT YOU REQUIRE, Drug Fittings, Counters, Wall cases, Dispensing-screens. Perfume-cases, etc., in almost all sizes; second-hand; condition first-class; prices reasonable. Write for sketches and details giving approximate sizes, or call and inspect. RUDDUCK & CO., 262 OLD STREET, E.C.

SECOND-HAND Chemists', Shop, and Office Fittings for Sale, condition as new. Congdon & Son, 77 Clerkenwell Road.

YOU ARE LOSING A POUND A WEEK

IF 800 Chemists who use my system of INCREASING BUSINESS voluntarily state that they are at least a Pound a Week in net profit the better off for so doing, then does it not follow that if you neglect to try it you lose this Pound a Week? In many instances much greater results are got, but this is the minimum. Dozens of Clients have been on my Register for four years and have paid four yearly fees. Put these facts IN YOUR PIPE AND SMOKE 'EM. Shake off that incredulity; send for my free Booklet and read. You have already lost £200 by not using me four years ago.

No matter whether your business is small or large, town, village, city, home or colonial, write.

Reference given to users of my system of every class. To young men I am a perfect godsend, to older a great help.

BERNARD SLACK,
9 King Street, Wolverhampton.

Pharmaceutical Council Election, 1910

At a Meeting of the Officers of the Sheffield Pharmaceutical and Chemical Society it was unanimously resolved to support the Candidature of

Mr. R. Lord Gifford, J.P., and
Mr. F. Pilkington Sargeant, Ph.C.,

and we strongly recommend all members to vote solid for the Progressive Candidates.

Signed,
Percy Carr, President.
J. Gilbert Jackson, Vice-President.
H. G. Williams, Vice-President.
J. T. Appleton, Treasurer.
John Chadwick, Secretary.
Bernard Ellis, Assistant Secretary.

CHEMISTS' SHOP-FITTINGS (SECOND-HAND). — Ranges mahogany drawers, with bevelled-edge glass labels and cut-glass knobs, shelving above, lockers below; mahogany dispensing-screens, counters with glass-case fronts, wall-cases, bent-front and flat-top counter-cases, counter-desks, tooth-brush cases, complete shop-rounds, etc.; every requisite for chemists; extensive stock to select from at extremely low prices; practical men sent to all parts; illustrated catalogues and estimates free. MATTHEWS, CHEMISTS' FITTER, 14 and 16 MANCHESTER STREET, LIVERPOOL.

WANTED, firm of Manufacturing Chemists to undertake the sole Preparation and Sale of a specific for Hæmorrhoids; the principal ingredient is the berry of a Mexican plant, and a well-known Harley Street physician has certified as to its value. Full particulars, 32/39, Office of this Paper.

GOOD PRINTING CHEAP.—Handbills from 1,000 2s. 6d., 500 6s. 6d., 10,000 11s.; Billheads, Memos, Cards, 100 1s., 1,000 [illegible] Labels, Wrappers, and all Chemists' printing quoted for per return good work, new type, prompt delivery; lists, samples, etc., [illegible] terms cash; established 1895. Walter Knight, Printer, Ru[illegible] Norths.

AN UNSOLICITED TESTIMONIAL!

"I hope shortly to rejoin you, and in the meantime wish you continued success as a Business Builder, and am sure you can always rely on [illegible] giving you the best of references."

The above, received this week, was entirely unsolicited; his year [illegible] finished last January. Do you wish to further increase your busi[illegible] sale of own specialities. &c.? Booklet, "How to Increase [illegible] Business" (written by a Pharmacist for Pharmacists), explaining [illegible] methods, &c., sent post free on application to Pharmacists only.

BILLYARD ALLISON, Pharmacist & Business Specialist, RETFO[illegible]

MANUFACTURING FIRM IN JOHANNESB[illegible]

ith large Stores centre town, also Laboratory cha[illegible] qualified Analytical Chemist,

are prepared to undertake AGENCI[illegible]S.

Large connection with Mines and Wholesale Drug[illegible] throughout South Africa.

No. 2223, Central News Agency, Ltd., Johannesb[illegible]

Exchange Column—Bargains.

TERMS.

One halfpenny per word with name and address. One penny per word if we register the address and attach a numb[illegible]

No Advertisement inserted for less than 6d.

FOR DISPOSAL.

OPTICAL AND PHOTOGRAPHIC.

SEVERAL hundred Ticka cameras, listed at 8s. 6d., for 4s.; POP postcards in hundred boxes, 14s. 1,000. Martin, Chemist, Southampton.

BEST cash offer (overstocked).—2 No. 2 Brownie cameras, 4 washing-tanks, enamelled, granitine ½-plate washer, 2 Lancaster's see-saw shutters, half-plate cloud negative, eight frames, 2½ by 2½ post-card frame, 3 print-trimmers, one hand-scales and weights, 5 photo-albums, ¼ plate. Kinoston, Chemist, Kildare.

PROPRIETARY ARTICLES.

BEST OFFER.—2 doz. 1s., 3 doz. 6d. Kerol fluid, and 2 doz. 1s. powder, 1 doz. 1s. 3d. boxes Kerol toilet soap, ⅓ doz. Clarke's B41 pills.

SURPLUS Stock.—48 Mellin's Food, 1 6s. Vapo-Cresoline, 12 each 1s., 1s. 6d. Malloween, 3 3s. Fer Bravais, 1 4s. 6d. Kalydor, 1 2s. 9d. Tricopherous, 2 2s. 9d. Omega oil, and several others; all clean; 20 per cent. off list price. Green, Tavistock Road, Plymouth.

SHARES.

SHARES for Sale. See p. xxv.

SHOP FITTINGS.

PAIR 8-gal. pear-shaped carboys, cut stoppers, 11s. 6d.; handsome specie-jar, gilt glass cover, as Maw's fig. 1459, height 33 in., 35s.; ½-gal. tincture-press, 5s. Green, Tavistock Road, Plymouth.

MISCELLANEOUS.

FOR disposal, medical couch, adjustable, any position. "Chemist," 54a Broad Street, Golden Square, W.

YORK Glass Co. bottles, round sunk Pharmacopœial labels; 9 60-oz., 48 20-oz., 14 10-oz.; condition perfect. Dr. Dawson, Bootham, York.

TYPEWRITER, Smith Premier No. 4; thorough working order, £6 10s.; can be inspected. H. & Co., 112 Fenchurch Street, London, E.C.

MATERIA-MEDICA collection, over 150 in white glass [illegible] bottles; also large assortment of barks, roots, fruits, gu[illegible] comprising the greater part of the late Watson Will's col[illegible] £3 f.o.r. Sharp, Chemist, Horley.

WANTED.

SPLIT Apollinaris bottles, 7s. per 100, car. forward. [illegible] Grantham.

DENTAL chair; cheap for cash. D. Morgan Davies, Pair [illegible] tractor, Llanybyther.

O'BRIEN'S check till, in good order. Price and partic[illegible] 38/38, Office of this Paper.

MIRELLA gold paint; good condition. State quantity, low pri[illegible] for cash, Spicer, Chemist, Dorchester.

DENTAL chair, also cash till. Particulars and lowest [illegible] "Chemist," 54a Broad Street, Golden Square, W.

ABOUT a gross shop-rounds, 10 and 20 oz., unlabelled; a [illegible] till, cheap. Reid, 62 Leamington Terrace, Edinburgh.

OPTICAL books; Minor, Major, Chemists' books; send p[illegible] valuation; cash offers per return. Gower, Bookseller, [illegible] Liverpool.

SECOND-HAND, preferably portable, lever-operating ma[illegible] capsuling bottles. Lowest price and full particula[illegible] make, etc., to 34/1, Office of this Paper.

ADDRESSES WANTED.

PRESENT address of Donald McAulay, Chemist's Assis[illegible] left Plymouth for London 2 years ago? Any inform[illegible] be appreciated by his sister. 37/35, Office of this Pape[illegible]

Coming Events.

This Section of the "C. & D." is reserved for advance notices of meetings or other events which are sent to the Editor by Wednesday of the week before the meetings, etc., occur.

Wednesday, May 18.

Pharmaceutical Society of Great Britain. 17 Bloomsbury Square, London, W.C., at 12 noon. Annual meeting.

Thursday, May 19.

National Union of Assistant Pharmacists. Birmingham Branch. Benson's Restaurant, Temple Street, at 9 P.M. Ordinary meeting.

DRUG-STORES ASSOCIATION.—In consequence of the King's illness the smoking-concert is postponed until May 25.

ROYAL INSTITUTION.—In consequence of the death of King Edward VII., Patron of the Institution, the lectures and meetings have been discontinued until further notice.

THE ANNUAL DINNER of the Forfarshire Chemists' Association will be held at the Royal British Hotel, High Street, Dundee, on May 25. Tickets (3*s.* 6*d.* each) from Mr. W. Hunter, Hon. Secretary. An excursion after dinner has been arranged to Newport, Birkhill, and Kilmany, returning to Dundee for tea.

FARCHILD SCHOLARSHIP AND PRIZES.—The examination for these will be held in London, Manchester, Dublin, Edinburgh, and Cardiff in the last week in June, and candidates who intend to sit for it are required to give notice in writing, not later than June 1, to the Secretary, Mr. A. E. Holden, Herbert Chambers, 64 and 65 Holborn Viaduct, London, E.C., from whom application-forms should be obtained beforehand.

THE combined launch trip of the Thames Valley Pharmacists' Association, the Western Pharmacists' Association, and the Croydon Pharmacists' Association will take place on June 22. It is proposed to start from Cookham, to lunch at Windsor, and subsequently to serve tea on board. Tickets (3*s.* 6*d.* each), which include train fare from Paddington, Lunch, and tea, will shortly be obtainable from the Secretaries of the three Associations.

LONDON CHEMISTS' GOLF CLUB.—The return match between teams of the Drug Club and the L.C.G.C. will be played at Chasden on Thursday, May 26. Chingford course has been selected for 1910-11, and from the fixture-card just issued we learn that Mr. Wm. Duncan has been elected Captain, and Mr. Gordon Beaton, 14 England Lane, Hampstead, London, N.W., takes his place as Hon. Secretary. A party will travel to Farnham for the Whitsun holiday, and any golfing chemist will be welcomed. Particulars can be obtained from the Hon. Secretary.

Poison Licences.

(Poisons and Pharmacy Act, Sec. 2.)

Notices of Application.

EDINBURGH.—O. B. Whyte (Tillie, Whyte & Co., nurserymen), 12 Melbourne Place, George IV. Bridge.

LONDON.—Geo. F. Ward and S. T. Stafford, horticultural sundriesmen, 97 High Street, Eltham, S.E.

Applications Granted.

HERTFORDSHIRE.—The County Council discussed on May 2 the recommendation of the Weights and Measures Committee to refuse the application of Wm. Fells & Son, of 16 Market Place, Hitchin, and the Hardy Plant Nursery, Baldock Road, Letchworth. Mr. Hine and Mr. Paul supported an amendment reversing the recommendation, the latter arguing that licences should be issued to respectable men. Mr. Taylor wished to prevent "a corner" being made. Mr. Mitchell-Thomas pointed out that the preparations in question are being sold in the immediate vicinity by two chemists. He was strongly of opinion that it was most desirable on public grounds to keep the sale within the hands of chemists. On a division the amendment was carried and the licence granted.

RICHMOND.—At a meeting of the Town Council on May 10 Alderman James Szlumper proposed that a poison-licence be issued to Mr. Sidney Flowers, ironmonger, 67 Kew Road, Richmond. Councillor P. E. Metzner, in opposing, said that this was the second time application had been made, and circumstances had not changed since the original application was refused. The committee's recommendation had been carried to by the Chairman's casting vote. He moved that the matter be referred back. Councillor Chance said there was no one to sell insecticides to the local, but Mr. Flowers, unless one went to a chemist, who, he asked, would go there for insecticides? Councillor H. Taylor, J.P., said that the Act specifically stated that these people could sell insecticides. It was ultimately decided to grant the licence.

Applications Refused.

LONDON.—The Public Control Committee have decided not to grant the application of Messrs. Wm. Parton, Ltd., ironmongers, 94 and 95 Queen Street, Cheapside, London, E.C., as the firm does not come within the category of those to whom preference should be granted.

Renewals.

CANTERBURY.—The City Council have renewed the licence of Taylor Bros., seedsmen, 28 St. George's Street.

WINCHESTER.—Messrs. Arthur R. Hillier, 95 High Street; C. W. Breadmore, 120 High Street; W. Jeffery, St. Peter Street; and H. S. & S. Frampton, 41 Jewry Street.

Trade-marks Applied For.

Objections to the registration of any of the undermentioned applications must be stated on Form T.M. No. 7 (obtainable at Money Order Offices for £1) and lodged with Mr. Temple Franks, Comptroller-General, Patents Office, 25 Southampton Buildings, Chancery Lane, London, W.C., within one month of the dates mentioned.

The figures in parentheses refer to the classes in which the marks are desired.

(*From the "Trade-marks Journal," April 20, 1910.*)

"CARBONET"; for all goods (13). By Aerators, Ltd., "Prana" Sparklet Works, Upper Edmonton, London, N. 320,265.

"OXYCAL"; for heating apparatus (18). By Cooper, Son & Co., Ltd., 80 Gloucester Road, London, S.W. 321,422.

"VOX"; for beef-extract and flour (42). By W. H. Paul, Homepride Mill, Dock Road, Birkenhead. 320,519.

"PHIZZO"; for liquid essences and extracts (42). By W. Duckworth, Chester Road, Manchester. 320,822.

"GOSSAGE'S 'MAGICAL' SOAP," and picture of magician; for common soap (47) and perfumed soap (48). "SWEET NANCY"; for perfumery, etc. (48). By W. Gossage & Sons, Ltd., Widnes, Lancs. 321,377/8, 321,754.

"DIAGRAM"; for oils and greases (47). By Stern, Sonneborn Oil Co., Ltd., 16 Finsbury Square, London, E.C. 321,746.

"CLUB," and label device with two Japanese girls; for all goods (48). By K. Nakayama, 2 Nichome Yedobori, Nishiku, Osaka. 317,627.

"LANOTA"; for perfumed soap (48). By Yardley & Co., Ltd., 105 Carpenter's Road, Stratford, Essex. 319,595.

"SOFIO," and label device; for a skin-preparation (48). By M. C. K. Lobbett, 33 Edgware Road, London, W. 320,433.

"GALJADO"; for a hair-preparation (48). By Moritz Bein, 73 Theobald's Road, London, W.C. 321,362.

"RITZOL"; for perfumery, etc. (48). By Bichara de Paris (England), Ltd., 170 Piccadilly, London, W. 321,915.

(*From the "Trade-marks Journal," April 27, 1910.*)

"ZINOLIC"; for chemicals (1). By Liverpool Borax Co., Ltd., Borax Street, Liverpool. 321,712.

"MAC" and "SPRAYMAC"; for chemicals (2). By McDougall Brothers, 68 Port Street, Manchester. 321,774/5.

Label device of factory and the word "LILLY"; for pharmaceutical preparations (3). By Eli Lilly & Co., 210-214 East McCarty Street, Indianapolis, U.S.A. 320,305.

"LINDOSSE"; for a liniment (3). By R. M. Jacot, 75 Devonshire Road, Forest Hill, London, S.E. 320,405.

Photo of one of the applicants (320,480) and "MICROBOS" (331,387); for medicinal preparations (3). By W. & H. Jackson, 13 and 15 Lydia Ann Street, Liverpool.

"LIVING STONE" and jewel device; for medicinal chemicals (3). By J. L. Fear, 21 Portland Square, Bristol. 321,006.

"ENO'S FRUIT SALT" on label device; for a medicinal preparation (3). By J. C. Eno, Ltd., 25 Pomeroy Street, New Cross Road, London, S.E. 321,048.

"SYMO"; for medicinal chemicals (3). By W. Stillwell, 39 Latimer Road, Godalming. 321,531.

Label device for "SIR HIRAM MAXIM'S PIPE OF PEACE AND MAXIM INHALER"; for medicated inhalers (3). By Sir Hiram S. Maxim, "Ryecotes," Dulwich Common, London, S.E. 321,543.

"LIMPETTES"; for corn-plasters (3). By Potter & Clarke, Ltd., 60 Artillery Lane, London, E. 321,544.

"MICROBANE"; for a medicine (3). By Charles Ham, 44 Mary Arches Street, Exeter. 321,733.

Westminster Wisdom.

A Record of Parliamentary Progress.

THE PARLIAMENTARY SESSION.

As announced by the Prime Minister in the House of Commons on Wednesday, Parliament—save for the brief meeting on Tuesday next, when both Houses will assemble to receive the body of the late King in Westminster Hall—has now been adjourned until June 8. From that time forward the remainder of the Session, which is not likely to be unduly prolonged, will be devoted almost exclusively to Government business, in which will be included the Budget for 1910-11, the Estimates for the Services, and the appointment of a Select Committee to consider the Civil List revision. Owing to the change in the Government plans a number of private Bills will be temporarily passed over. These include the Registration of Nurses Bill, the second reading of which was fixed for May 26; the Restraint of Trade (Shops) Bill, the second reading of which had been put down for June 2; the Shops Bill (June 3); and the Coroners' Law and Death Certification (Amendment) Bill, the second reading of which was arranged for June 6. There is for the moment some talk of an autumn Session, to proceed further with the consideration of the constitutional issues which have arisen between the two Houses; but in the present jaded condition of Parliament it is felt to be much more likely that when the House rises at the end of July Parliament will be prorogued until the usual time in February. There is practically no chance of the Government being able to proceed during the present Session with any of the departmental legislation which they have already in preparation. This applies to such matters as the reform of the bankruptcy laws, the question of imprisonment for debt, and the regulation of the hours of shop-assistants. Equally unlikely is it, as already pointed out in the *C. & D.*, that the Government will be in a position this year to turn their attention to the consideration of any amendment of the Poisons and Pharmacy Act, 1908, or in regard to the regulations governing the dispensing of poisons by members of the medical profession.

New Books.

Any of these books printed in the United Kingdom can be supplied, at the published price, to "C. & D." subscribers on application (with remittance) to the Publisher, 42 Cannon Street, London, E.C. These notes do not exclude subsequent reviews.

Barthel, C. *Methods Used in the Examination of Milk and Dairy Products.* 9×5½. Pp. 272. 7*s.* 6*d.* net. (Macmillan.)

Bell's *Sale of Food and Drugs Acts,* 1875-1907. By C. F. Lloyd. 5th edit. Post 8vo. Pp. 356. 8*s.* 6*d.* net. (Butterworth.)

Caird, F. M., and Cathcart, C. W. *A Surgical Handbook.* 15th edit. 6½×4. Pp. 348. 8*s.* 6*d.* (C. Griffin.)

Castellani, A., and Chalmers, A. J. *Manual of Tropical Medicine.* 8¾×5½. Pp. 1270. 21*s.* net. (Baillière.)

Cotsworth, M. B. *Railway Maximum Rates and Charges; assimilating, comparing, and explaining the numerous Railway (Rates and Charges) Order Confirmation Acts of* 1891 *and* 1892 *for all the Railway Companies and Traders in the United Kingdom, with the Parliamentary (or maximum) Classifications.* 6½×4. Pp. 191+xvii. 4th. edition. 10*s.* 6*d.* net. (George Allen & Sons, 44 and 45 Rathbone Place, London, W.) [Contains information as to terminal and special charges for conveyance of goods by all the railways of the United Kingdom, Parliamentary classification of merchandise traffic, through rates, comparative scales of maximum rates, with an appendix and addenda regarding special powers of certain railways.]

Wellcome Physiological Research Laboratories. *Isolation and Synthesis of* p-*Hydroxyphenylethylamine, an active principle of ergot soluble in water. Further Syntheses of* p-*Hydroxyphenylethylamine. The Alkaloids of Ergot.* Part II. *Synthesis of Hordenine, the Alkaloid from Barley. The Active Principle of a Bini Spear Poison. The Action of Extracts of the Pituitary Body. The Action of an Active Principle from Apocynum.*

Colonial and Foreign News.

QUININE CONSUMPTION IN THE DUTCH EAST INDIES.—For some time past the Government of the Dutch East Indies has been carrying on an anti-malarial campaign, chiefly by making provision for the sale of quinine tablets at low rates, and at numerous depôts. The tablets are retailed in boxes containing ten and costing 8 cents per box. In a recent report on the work done in this direction in the province of Semarang, it is shown that during the first half of 1909, 310,040 of these tablets were sold, and that in the second half of the year this had risen to 534,620, in spite of the fact that the depôts for the sale of tablets were reduced from 660 in the first half-year to 624 in the second half, the reduction taking place principally in the Salatiga and Pati districts, where too many had been opened to begin with.

GERMAN ASSISTANT PHARMACISTS' SALARIES.—The German Imperial Board of Health has made inquiries in several of the States with a view to increasing the salaries paid to those employed in pharmacies. In Würtemberg the following figures were obtained :

	1903 £	s.	d.	1907 £	s.	d.	Increase.
Salaries paid to 137 managers and assistants ...	16,117	17	0	22,156	10	0	37·4 p.c.
Salaries paid to 158 pharmaceutical employés ...	4,281	3	0	5,616	1	0	31·1 p.c.

According to the official medical report of Würtemberg for 1908, there were 303 pharmacies, of which 197 were privileges, the value of the privilege representing on an average 56.7 per cent. of the sale price of the business. In all the pharmacies 167 qualified and 50 unqualified assistants were employed, as well as 52 apprentices. The report states that the profits derived from the exercise of the profession are decreasing year by year, due to the increase in expenses without an adequate increase in the prices of the medicine tariff, cheaper prescribing owing to sick-club demands, and the increasing competition by druggists.

CEYLON ESTATES MEDICAL AID.—Last October Sir Henry McCullum, Governor of Ceylon, delivered an address to the Legislative Council advocating a revision of the Medical Aid Ordinance. With the demands for additional new hospitals and dispensaries, the present export duties on produce have proved insufficient, and a new ordinance, which is likely to prove contentious, is to be brought before the Legislative Council in the coming session. Hitherto the Ceylon Government has borne a substantial share (33 per cent.) of the cost of medical aid for estates, but more hospitals are now required, and the Government desire to supply a more highly qualified set of men than is usually available to serve as estate dispensers to the coolies. In order to raise further revenue the draft ordinance will recommend increased export duties on produce. Hitherto cardamoms and rubber have been exempt, but it is now proposed to include them, together with tea, coffee, and cocoa, at such rates as will cover the estimated cost of carrying into effect the Medical Wants Ordinances for three years.

WHOLESALE PERFUMERS MEET.—The sixteenth annual meeting of the Perfumers' Association of the United States was held at the New York Drug and Chemical Club from April 19 to 21. The President (J. Culton Buck) spoke of the work done by the committee on legislation in blocking the attempt to put a tariff of 25 per cent. on "enfleurage grease" and many essential oils—the raw material of the perfumery trade. The drawback on alcohol also was a matter of satisfaction. Manufacturing druggists had, however, seen its advantages quicker than perfumers, but the latter were beginning to avail themselves of it. President Buck advocated a campaign for the education of the American public in the name of American-made perfumes. Richard Hudnut (Chairman of the Committee on Importations and Under Valuations) said in his report : "Partly in consequence of the tariff and partly because the advance has been made use of to still further boost the importer's and retailer's profits, the retail prices at which imported goods are sold to-day are from 10 per cent. to 15 per cent. higher than before the new tariff went into effect."

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